Berliner
Astronomisches Jahrbuch

für

1936

161. Jahrgang

Herausgegeben von dem

Astronomischen Rechen-Institut

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1934

Astronomisches Rechen-Institut

Berlin-Dahlem, Altensteinstr. 40

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	Dr. U. Baehr

Vorwort

Vom Jahrgang 1916 an ist der fundamentale Meridian, auf den alle Angaben des Jahrbuchs bezogen sind, der Meridian von Greenwich.

Die Zeit ist vom Jahrgang 1925 an in Welt-Zeit, d. i. Bürgerliche Zeit Greenwich, ausgedrückt (siehe Erläuterungen).

Die Grundlagen des Berliner Astronomischen Jahrbuchs bilden:

Für die Sonne und die großen Planeten:

Die Tafeln von Newcomb und (für Jupiter und Saturn) von Hill, enthalten in:

Astronomical Papers of the American Ephemeris,
Vol. VI, Part I—IV: *Tables of the four inner planets*,
Vol. VII, Part I—IV: *Tables of Jupiter*, *Saturn*, *Uranus*, *Neptune*.

Für Pluto die Elemente von E. C. Bower. (Näheres siehe Erläuterungen.)

Als Sonnenhalbmesser in der mittleren Entfernung ist 16′ 1″.50 angenommen; dagegen liegt der Berechnung der Finsternisse der von Auwers in A. N., Bd. 128 gegebene Wert 15′ 59″.63 zugrunde.

Für den Mond:

Tables of the Motion of the Moon by Ernest W. Brown.

Der geozentrische Mondhalbmesser $r_{☾}$ ist aus der Äquatorial-Horizontalparallaxe $p_{☾}$ gerechnet nach der Formel

$$r_{☾} = 0.272469\, p_{☾} + 1''.50,$$

für die Finsternisse nach $\sin r_{☾} = 0.272274 \sin p_{☾}$.

Als Neigung des Mondäquators gegen die Ekliptik ist nach F. Hayn (A. N. Bd. 199, 263) angenommen: $J = 1° 32' 20''$.

Für die Fixsterne:

Neuer Fundamentalkatalog des Berliner Astronomischen Jahrbuchs nach den Grundlagen von A. Auwers, für die Epochen 1875 und 1900 bearbeitet von Dr. J. Peters (Veröffentlichung Nr. 33 des Königlichen Astronomischen Rechen-Instituts).

Die Sterngrößen sind der »Revised Harvard Photometry (Harvard Annals, vol. 50)«, die Sternspektra dem »Henry Draper Catalogue (Harvard Annals, vol. 91—99)« entnommen.

Als Werte der fundamentalen Reduktionsgrößen sind angenommen:

Die Präzessions-Größen nach S. Newcomb (vgl. H. Andoyer, Bull. Astr. **28**, 67)

Die Nutations-Konstante . . . . . 9″21

Die Nutations-Größen nach S. Newcomb (Bull. Astr. **15**, 241)

Die Aberrations-Konstante . . . . 20″47

Die Sonnen-Parallaxe . . . . 8″80

Die Abplattung der Erde . . . . 1 : 297.0

Für die Satelliten:

Die Angaben über die 4 älteren Jupitertrabanten beruhen auf den Tafeln von R. A. Sampson (*Tables of the four great Satellites of Jupiter.* London 1910), die Angaben über die 8 älteren Saturnsatelliten auf den von H. und G. Struve sowie von J. Woltjer ermittelten Werten (Näheres s. Erläuterungen).

In allen Ephemeriden der Sonne, der Planeten und der Fixsterne sind die kurzperiodischen, von der Mondlänge abhängigen Nutationsglieder weggelassen; doch bietet das Jahrbuch die Möglichkeit, auch diese weggelassenen Glieder zu berücksichtigen (s. Erläuterungen).

Im ersten Teil des Anhangs sind die Reduktionen des Neuen Fundamentalkatalogs auf den Dritten Fundamentalkatalog für 1925.0 und 1934 bis 1936 sowie der Dritte Fundamentalkatalog für 1950.0 gegeben. Die Reduktionen auf den Dritten Fundamentalkatalog für die Jahre 1937 bis 1939 werden in den nachfolgenden Jahrgängen mitgeteilt. Der zweite Teil des Anhangs enthält ein Verzeichnis der Zusatzsterne des Dritten Fundamentalkatalogs für 1925.0. Im übrigen hat der Inhalt des Jahrbuchs gegen das Vorjahr keine Änderungen erfahren.

Bezüglich der Zahlengrundlagen sei auf die im Berliner Jahrbuch für 1916 gegebene Darstellung der »Grundbegriffe der Sphärischen Astronomie« hingewiesen.

Ein Teil der Angaben wurde seitens der American Ephemeris and Nautical Almanac, Washington, des Nautical Almanac Office, London, und des Bureau des Longitudes, Paris, zur Verfügung gestellt.

Die Schriftleitung des Astronomischen Jahrbuchs für 1936 lag in den Händen von Prof. Dr. Kohl; an den verschiedenen Arbeiten beteiligten sich außerdem die Herren Dr. Heinemann, Dr. Müller, Dr. Baehr und mehrere Hilfsarbeiter.

Astronomisches Rechen-Institut.

Inhalt

Zeit- und Festrechnung 1936

Das Jahr 1936 entspricht dem
Jahr 6649 der Julianischen Periode und dem
Jahr 7444—7445 der Byzantinischen Ära.

Gregorianischer Kalender

Goldene Zahl	18
Epakte	VI
Sonnenzirkel	13
Sonntagsbuchstabe	E, D

Septuagesima	9. Febr.
Aschermittwoch	26. Febr.
I. Quatember	4. März
Ostersonntag	12. April
Himmelfahrt	21. Mai
Pfingstsonntag	31. Mai
II. Quatember	3. Juni
III. Quatember	16. Sept.
I. Advent	29. Nov.
IV. Quatember	16. Dez.

Kalender der Mohammedaner

1354 (Gemeinjahr von 354 Tagen)

Dsû'l-kade	1	1936	Jan.	25
Dsû'l-hedsche	1	»	Febr.	24

1355 (Schaltjahr von 355 Tagen)

Moharrem	1	1936	März	24
Safar	1	»	April	23
Rebî-el-awwel	1	»	Mai	22
Rebî-el-accher	1	»	Juni	21
Dschemâdi-el-awwel	1	»	Juli	20
Dschemâdi-el-accher	1	»	Aug.	19
Redscheb	1	»	Sept.	17
Schabân	1	»	Okt.	17
Ramadân	1	»	Nov.	15
Schewwâl	1	»	Dez.	15

Kalender der Juden

5696 (Gemeinjahr von 355 Tagen)

Tebet	10	Fasten. Belagerung Jerusalems .	1936	Jan.	5
Schebat	1	. . . .	»	»	25
Adar	1	. . . .	»	Febr.	24
»	11	Fasten-Esther.	»	März	5
»	14	Purim	»	»	8
»	15	Schuschan-Purim	»	»	9
Nisan	1	. . . .	»	»	24
»	15	*Passah-Anfang	»	April	7
»	16	*Zweites Fest.	»	»	8
»	21	*Siebentes Fest	»	»	13
»	22	*Achtes Fest	»	»	14
Ijar	1	. . . .	»	»	23
»	18	Lag-B'omer.	»	Mai	10
Sivan	1	. . . .	»	»	22
»	6	*Wochenfest	»	»	27
»	7	*Zweites Fest.	»	»	28
Thamuz	1	. . . .	»	Juni	21
»	17	Fasten. Eroberung Jerusalems .	»	Juli	7
Ab	1	. . . .	»	»	20
»	9	Fasten. Tempelverbrennung . .	»	»	28
Elul	1	. . . .	»	Aug.	19

5697 (Gemeinjahr von 354 Tagen)

Tischri	1	*Neujahrsfest	1936	Sept.	17
»	2	*Zweites Fest	»	»	18
»	4	Fasten-Gedaljah	»	»	20
»	10	*Versöhnungsfest	»	»	26
»	15	*Laubhüttenfest	»	Okt.	1
»	16	*Zweites Fest	»	»	2
»	21	Palmenfest	»	»	7
»	22	*Laubhüttenende.	»	»	8
»	23	*Gesetzesfreude	»	»	9
Marcheschwan	1	. . . .	»	»	17
Kislev	1	. . . .	»	Nov.	15
»	25	Tempelweihe	»	Dez.	9
Tebet	1	. . . .	»	»	15
»	10	Fasten. Belagerung Jerusalems .	»	»	24

Die mit * bezeichneten Festtage werden streng gefeiert.

Astronomische Zeichen und Abkürzungen

Bezeichnung der Wochentage

☉ Sonntag
☾ Montag
♂ Dienstag
☿ Mittwoch
♃ Donnerstag
♀ Freitag
♄ Sonnabend

Adspekten

☌ Konjunktion
□ Quadratur
☍ Opposition

Mondphasen

● Neumond
☽ Erstes Viertel
○ Vollmond
☾ Letztes Viertel

☊ Aufsteigender } Knoten
☋ Absteigender } Knoten

Zeichen
des Tierkreises und der Himmelskörper

♈ Widder . . .	0	Grad	
♉ Stier	30	»	☉ Sonne
♊ Zwillinge . . .	60	»	☾ Mond
♋ Krebs	90	»	☿ Merkur
♌ Löwe	120	»	♀ Venus
♍ Jungfrau . . .	150	»	♁ Erde
♎ Waage . . .	180	»	♂ Mars
♏ Skorpion . . .	210	»	♃ Jupiter
♐ Schütze . . .	240	»	♄ Saturn
♑ Steinbock . .	270	»	♅ Uranus
♒ Wassermann .	300	»	♆ Neptun
♓ Fische	330	»	

Sonne, Mond, Große Planeten

1936

Tag		Wochentag	0ʰ Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Jan.	0	Di	+ 2 31.79	28.94	18 36 30.28	4 25.51	−23 10 57.2	4 5.6	71.13	16 17.86
	1	Mi	3 0.73	28.65	18 40 55.79	4 25.20	23 6 51.6	4 33.3	71.09	16 17.88
	2	Do	3 29.38	28.31	18 45 20.99	4 24.87	23 2 18.3	5 0.8	71.05	16 17.89
	3	Fr	3 57.69	27.95	18 49 45.86	4 24.51	22 57 17.5	5 28.2	71.01	16 17.90
	4	Sa	4 25.64	27.56	18 54 10.37	4 24.12	22 51 49.3	5 55.4	70.97	16 17.91
	5	St	4 53.20	27.14	18 58 34.49	4 23.70	22 45 53.9	6 22.5	70.91	16 17.91
	6	Mo	+ 5 20.34	26.70	19 2 58.19	4 23.26	−22 39 31.4	6 49.4	70.85	16 17.90
	7	Di	5 47.04	26.24	19 7 21.45	4 22.79	22 32 42.0	7 16.0	70.79	16 17.89
	8	Mi	6 13.28	25.75	19 11 44.24	4 22.31	22 25 26.0	7 42.5	70.73	16 17.87
	9	Do	6 39.03	25.24	19 16 6.55	4 21.79	22 17 43.5	8 8.8	70.67	16 17.85
	10	Fr	7 4.27	24.71	19 20 28.34	4 21.27	22 9 34.7	8 34.9	70.59	16 17.81
	11	Sa	7 28.98	24.15	19 24 49.61	4 20.71	22 0 59.8	9 0.6	70.52	16 17.78
	12	St	+ 7 53.13	23.58	19 29 10.32	4 20.14	−21 51 59.2	9 26.2	70.44	16 17.73
	13	Mo	8 16.71	22.99	19 33 30.46	4 19.55	21 42 33.0	9 51.6	70.36	16 17.68
	14	Di	8 39.70	22.38	19 37 50.01	4 18.93	21 32 41.4	10 16.6	70.27	16 17.62
	15	Mi	9 2.08	21.74	19 42 8.94	4 18.30	21 22 24.8	10 41.3	70.19	16 17.56
	16	Do	9 23.82	21.09	19 46 27.24	4 17.66	21 11 43.5	11 5.8	70.10	16 17.49
	17	Fr	9 44.91	20.43	19 50 44.90	4 16.98	21 0 37.7	11 29.9	70.00	16 17.42
	18	Sa	+10 5.34	19.75	19 55 1.88	4 16.30	−20 49 7.8	11 53.8	69.91	16 17.34
	19	St	10 25.09	19.04	19 59 18.18	4 15.60	20 37 14.0	12 17.2	69.81	16 17.26
	20	Mo	10 44.13	18.33	20 3 33.78	4 14.88	20 24 56.8	12 40.5	69.71	16 17.17
	21	Di	11 2.46	17.59	20 7 48.66	4 14.15	20 12 16.3	13 3.3	69.61	16 17.08
	22	Mi	11 20.05	16.84	20 12 2.81	4 13.40	19 59 13.0	13 25.7	69.51	16 16.99
	23	Do	11 36.89	16.08	20 16 16.21	4 12.64	19 45 47.3	13 47.8	69.40	16 16.89
	24	Fr	+11 52.97	15.30	20 20 28.85	4 11.85	−19 31 59.5	14 9.5	69.30	16 16.79
	25	Sa	12 8.27	14.50	20 24 40.70	4 11.06	19 17 50.0	14 30.7	69.19	16 16.68
	26	St	12 22.77	13.70	20 28 51.76	4 10.26	19 3 19.3	14 51.7	69.08	16 16.57
	27	Mo	12 36.47	12.88	20 33 2.02	4 9.44	18 48 27.6	15 12.2	68.96	16 16.47
	28	Di	12 49.35	12.06	20 37 11.46	4 8.61	18 33 15.4	15 32.2	68.85	16 16.35
	29	Mi	13 1.41	11.22	20 41 20.07	4 7.78	18 17 43.2	15 52.0	68.74	16 16.23
	30	Do	+13 12.63	10.39	20 45 27.85	4 6.94	−18 1 51.2	16 11.2	68.63	16 16.11
	31	Fr	13 23.02	9.55	20 49 34.79	4 6.11	17 45 40.0	16 30.0	68.51	16 15.98
Febr.	1	Sa	13 32.57	8.70	20 53 40.90	4 5.26	17 29 10.0	16 48.6	68.40	16 15.85
	2	St	13 41.27	7.87	20 57 46.16	4 4.42	17 12 21.4	17 6.6	68.28	16 15.71
	3	Mo	13 49.14	7.04	21 1 50.58	4 3.59	16 55 14.8	17 24.3	68.16	16 15.58
	4	Di	13 56.18	6.20	21 5 54.17	4 2.76	16 37 50.5	17 41.6	68.05	16 15.43
	5	Mi	+14 2.38	5.38	21 9 56.93	4 1.94	−16 20 8.9	17 58.6	67.93	16 15.28
	6	Do	14 7.76	4.56	21 13 58.87	4 1.12	16 2 10.3	18 15.0	67.82	16 15.13
	7	Fr	14 12.32	3.76	21 17 59.99	4 0.31	15 43 55.3	18 31.2	67.71	16 14.97
	8	Sa	14 16.08	2.95	21 22 0.30	3 59.51	15 25 24.1	18 46.9	67.59	16 14.80
	9	St	14 19.03	2.17	21 25 59.81	3 58.72	15 6 37.2	19 2.3	67.48	16 14.63
	10	Mo	+14 21.20		21 29 58.53		−14 47 34.9		67.37	16 14.45

Tag	Julian. Zeit	Sternzeit (0ʰ Welt-Zeit)	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge		Breite	log R		Aufgang in (+50° Breite, 0ʰ Länge)	Untergang in (+50° Breite, 0ʰ Länge)
1936	2428	h m s	s in 0.001		° ′ ″		″ in 0.01			h m	h m
Jan. 0	167.5	6 33 58.494	+1044	+ 4	278 23 5.5	61′ 9.9″	+76	9.992 6738	93	7 59	16 7
1	168.5	6 37 55.052	1047	− 2	279 24 15.4	61 9.7	+82	9.992 6645	71	7 59	16 8
2	169.5	6 41 51.611	1050	− 7	280 25 25.1	61 9.5	+83	9.992 6574	48	7 59	16 9
3	170.5	6 45 48.169	1053	−11	281 26 34.6	61 9.2	+80	9.992 6526	23	7 59	16 10
4	171.5	6 49 44.727	1056	−12	282 27 43.8	61 8.9	+73	9.992 6503	2	7 58	16 11
5	172.5	6 53 41.286	1059	− 9	283 28 52.7	61 8.6	+65	9.992 6505	30	7 58	16 12
6	173.5	6 57 37.844	+1062	− 4	284 30 1.3	61 8.3	+54	9.992 6535	57	7 58	16 13
7	174.5	7 1 34.402	1064	+ 2	285 31 9.6	61 8.1	+41	9.992 6592	86	7 58	16 14
8	175.5	7 5 30.960	1067	+ 8	286 32 17.7	61 7.8	+27	9.992 6678	114	7 57	16 15
9	176.5	7 9 27.518	1070	+13	287 33 25.5	61 7.7	+13	9.992 6792	143	7 57	16 17
10	177.5	7 13 24.076	1072	+16	288 34 33.2	61 7.4	0	9.992 6935	171	7 56	16 18
11	178.5	7 17 20.634	1075	+15	289 35 40.6	61 7.3	−12	9.992 7106	199	7 56	16 19
12	179.5	7 21 17.192	+1077	+12	290 36 47.9	61 7.2	−23	9.992 7305	225	7 55	16 20
13	180.5	7 25 13.750	1080	+ 7	291 37 55.1	61 7.0	−31	9.992 7530	252	7 55	16 22
14	181.5	7 29 10.308	1082	+ 1	292 39 2.1	61 6.8	−37	9.992 7782	276	7 54	16 23
15	182.5	7 33 6.865	1085	− 4	293 40 8.9	61 6.6	−41	9.992 8058	300	7 54	16 25
16	183.5	7 37 3.423	1087	−10	294 41 15.5	61 6.3	−42	9.992 8358	323	7 53	16 26
17	184.5	7 40 59.980	1089	−13	295 42 21.8	61 6.1	−40	9.992 8681	345	7 52	16 28
18	185.5	7 44 56.538	+1091	−15	296 43 27.9	61 5.9	−35	9.992 9026	366	7 51	16 29
19	186.5	7 48 53.095	1093	−15	297 44 33.8	61 5.5	−28	9.992 9392	385	7 51	16 31
20	187.5	7 52 49.652	1095	−12	298 45 39.3	61 5.1	−19	9.992 9777	404	7 50	16 32
21	188.5	7 56 46.210	1097	− 7	299 46 44.4	61 4.6	− 8	9.993 0181	420	7 49	16 34
22	189.5	8 0 42.767	1099	− 1	300 47 49.0	61 4.1	+ 4	9.993 0601	436	7 48	16 36
23	190.5	8 4 39.324	1100	+ 5	301 48 53.1	61 3.5	+18	9.993 1037	451	7 47	16 37
24	191.5	8 8 35.881	+1102	+ 9	302 49 56.6	61 2.7	+32	9.993 1488	466	7 45	16 39
25	192.5	8 12 32.438	1103	+12	303 50 59.3	61 1.8	+44	9.993 1954	480	7 44	16 40
26	193.5	8 16 28.994	1105	+10	304 52 1.1	61 0.9	+54	9.993 2434	494	7 43	16 42
27	194.5	8 20 25.551	1106	+ 7	305 53 2.0	60 59.7	+62	9.993 2928	509	7 42	16 44
28	195.5	8 24 22.107	1107	+ 1	306 54 1.7	60 58.6	+68	9.993 3437	525	7 41	16 45
29	196.5	8 28 18.664	1108	− 5	307 55 0.3	60 57.4	+71	9.993 3962	543	7 39	16 47
30	197.5	8 32 15.220	+1109	− 9	308 55 57.7	60 56.1	+70	9.993 4505	562	7 38	16 48
31	198.5	8 36 11.777	1110	−11	309 56 53.8	60 54.8	+65	9.993 5067	581	7 37	16 50
Febr. 1	199.5	8 40 8.333	1111	−10	310 57 48.6	60 53.4	+57	9.993 5648	602	7 36	16 52
2	200.5	8 44 4.889	1112	− 5	311 58 42.0	60 52.1	+46	9.993 6250	624	7 34	16 54
3	201.5	8 48 1.445	1112	+ 1	312 59 34.1	60 50.8	+34	9.993 6874	646	7 33	16 55
4	202.5	8 51 58.001	1113	+ 7	314 0 24.9	60 49.4	+21	9.993 7520	671	7 31	16 57
5	203.5	8 55 54.556	+1113	+12	315 1 14.3	60 48.1	+ 7	9.993 8191	694	7 30	16 59
6	204.5	8 59 51.112	1113	+15	316 2 2.4	60 46.8	− 7	9.993 8885	718	7 28	17 1
7	205.5	9 3 47.668	1114	+16	317 2 49.2	60 45.6	−19	9.993 9603	742	7 27	17 3
8	206.5	9 7 44.223	1114	+13	318 3 34.8	60 44.3	−31	9.994 0345	766	7 25	17 4
9	207.5	9 11 40.778	1114	+ 9	319 4 19.1	60 43.1	−40	9.994 1111	788	7 24	17 6
10	208.5	9 15 37.334	+1114	+ 3	320 5 2.2		−47	9.994 1899		7 22	17 8

Sonne 1936

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Febr. 10	Mo	+14 21.20	1.38	21 29 58.53	3 57.94	−14 47 34.9	19 17.2	67.37	16 14.45
11	Di	14 22.58	0.62	21 33 56.47	3 57.17	14 28 17.7	19 31.7	67.26	16 14.27
12	Mi	14 23.20	0.15	21 37 53.64	3 56.41	14 8 46.0	19 45.9	67.15	16 14.08
13	Do	14 23.05	0.89	21 41 50.05	3 55.66	13 49 0.1	19 59.6	67.04	16 13.89
14	Fr	14 22.16	1.63	21 45 45.71	3 54.93	13 29 0.5	20 13.0	66.93	16 13.69
15	Sa	14 20.53	2.35	21 49 40.64	3 54.20	13 8 47.5	20 25.8	66.82	16 13.50
16	St	+14 18.18	3.07	21 53 34.84	3 53.49	−12 48 21.7	20 38.4	66.72	16 13.30
17	Mo	14 15.11	3.77	21 57 28.33	3 52.78	12 27 43.3	20 50.4	66.61	16 13.08
18	Di	14 11.34	4.46	22 1 21.11	3 52.10	12 6 52.9	21 2.1	66.51	16 12.88
19	Mi	14 6.88	5.14	22 5 13.21	3 51.42	11 45 50.8	21 13.4	66.41	16 12.66
20	Do	14 1.74	5.80	22 9 4.63	3 50.75	11 24 37.4	21 24.1	66.31	16 12.45
21	Fr	13 55.94	6.46	22 12 55.38	3 50.09	11 3 13.3	21 34.5	66.21	16 12.23
22	Sa	+13 49.48	7.10	22 16 45.47	3 49.45	−10 41 38.8	21 44.4	66.12	16 12.01
23	St	13 42.38	7.74	22 20 34.92	3 48.82	10 19 54.4	21 53.9	66.03	16 11.79
24	Mo	13 34.64	8.36	22 24 23.74	3 48.19	9 58 0.5	22 2.9	65.94	16 11.57
25	Di	13 26.28	8.98	22 28 11.93	3 47.58	9 35 57.6	22 11.5	65.85	16 11.34
26	Mi	13 17.30	9.58	22 31 59.51	3 46.97	9 13 46.1	22 19.7	65.76	16 11.12
27	Do	13 7.72	10.16	22 35 46.48	3 46.39	8 51 26.4	22 27.5	65.68	16 10.89
28	Fr	+12 57.56	10.73	22 39 32.87	3 45.82	− 8 28 58.9	22 34.8	65.59	16 10.67
29	Sa	12 46.83	11.29	22 43 18.69	3 45.27	8 6 24.1	22 41.7	65.51	16 10.44
März 1	St	12 35.54	11.82	22 47 3.96	3 44.74	7 43 42.4	22 48.3	65.44	16 10.20
2	Mo	12 23.72	12.33	22 50 48.70	3 44.22	7 20 54.1	22 54.5	65.37	16 9.97
3	Di	12 11.39	12.83	22 54 32.92	3 43.73	6 57 59.6	23 0.2	65.30	16 9.73
4	Mi	11 58.56	13.30	22 58 16.65	3 43.25	6 34 59.4	23 5.7	65.23	16 9.49
5	Do	+11 45.26	13.75	23 1 59.90	3 42.80	− 6 11 53.7	23 10.8	65.16	16 9.24
6	Fr	11 31.51	14.18	23 5 42.70	3 42.37	5 48 42.9	23 15.4	65.09	16 9.00
7	Sa	11 17.33	14.59	23 9 25.07	3 41.97	5 25 27.5	23 19.8	65.03	16 8.74
8	St	11 2.74	14.97	23 13 7.04	3 41.58	5 2 7.7	23 23.7	64.98	16 8.49
9	Mo	10 47.77	15.33	23 16 48.62	3 41.22	4 38 44.0	23 27.4	64.92	16 8.23
10	Di	10 32.44	15.67	23 20 29.84	3 40.88	4 15 16.6	23 30.6	64.87	16 7.97
11	Mi	+10 16.77	15.99	23 24 10.72	3 40.57	− 3 51 46.0	23 33.5	64.82	16 7.71
12	Do	10 0.78	16.28	23 27 51.29	3 40.27	3 28 12.5	23 36.0	64.77	16 7.45
13	Fr	9 44.50	16.55	23 31 31.56	3 40.00	3 4 36.5	23 38.1	64.73	16 7.17
14	Sa	9 27.95	16.80	23 35 11.56	3 39.76	2 40 58.4	23 40.0	64.69	16 6.91
15	St	9 11.15	17.02	23 38 51.32	3 39.52	2 17 18.4	23 41.4	64.65	16 6.64
16	Mo	8 54.13	17.23	23 42 30.84	3 39.33	1 53 37.0	23 42.4	64.62	16 6.36
17	Di	+ 8 36.90	17.42	23 46 10.17	3 39.14	− 1 29 54.6	23 43.2	64.59	16 6.09
18	Mi	8 19.48	17.58	23 49 49.31	3 38.97	1 6 11.4	23 43.5	64.56	16 5.81
19	Do	8 1.90	17.72	23 53 28.28	3 38.83	0 42 27.9	23 43.4	64.53	16 5.53
20	Fr	7 44.18	17.85	23 57 7.11	3 38.71	− 0 18 44.5	23 43.0	64.51	16 5.25
21	Sa	7 26.33	17.95	0 0 45.82	3 38.60	+ 0 4 58.5	23 42.1	64.49	16 4.98
22	St	+ 7 8.38		0 4 24.42		+ 0 28 40.6		64.48	16 4.70

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge		Breite	log R		Aufgang in {+50° Breite, 0h Länge}	Untergang in {+50° Breite, 0h Länge}
1936	2428	h m s	in 0.001 s		° ′ ″	′ ″	in 0.″01			h m	h m
Febr. 10	208.5	9 15 37.334	+1114	+ 3	320 5 2.2	60 42.0	−47	9.994 1899	811	7 22	17 8
11	209.5	9 19 33.889	1114	− 2	321 5 44.2	60 40.7	−51	9.994 2710	833	7 20	17 10
12	210.5	9 23 30.444	1113	− 8	322 6 24.9	60 39.6	−52	9.994 3543	852	7 18	17 11
13	211.5	9 27 26.999	1113	−13	323 7 4.5	60 38.3	−51	9.994 4395	872	7 17	17 13
14	212.5	9 31 23.554	1112	−15	324 7 42.8	60 37.2	−48	9.994 5267	890	7 15	17 14
15	213.5	9 35 20.109	1112	−16	325 8 20.0	60 36.1	−41	9.994 6157	907	7 13	17 16
16	214.5	9 39 16.663	+1111	−13	326 8 56.1	60 34.8	−32	9.994 7064	922	7 11	17 18
17	215.5	9 43 13.218	1110	− 9	327 9 30.9	60 33.6	−22	9.994 7986	937	7 9	17 20
18	216.5	9 47 9.772	1109	− 4	328 10 4.5	60 32.3	−10	9.994 8923	949	7 8	17 21
19	217.5	9 51 6.327	1108	+ 2	329 10 36.8	60 31.0	+ 2	9.994 9872	959	7 6	17 23
20	218.5	9 55 2.881	1107	+ 7	330 11 7.8	60 29.6	+15	9.995 0831	969	7 4	17 25
21	219.5	9 58 59.435	1106	+10	331 11 37.4	60 28.1	+28	9.995 1800	977	7 2	17 27
22	220.5	10 2 55.990	+1105	+10	332 12 5.5	60 26.5	+39	9.995 2777	984	7 0	17 28
23	221.5	10 6 52.544	1104	+ 7	333 12 32.0	60 24.9	+47	9.995 3761	991	6 58	17 30
24	222.5	10 10 49.098	1102	+ 2	334 12 56.9	60 23.1	+53	9.995 4752	998	6 56	17 31
25	223.5	10 14 45.651	1101	− 3	335 13 20.0	60 21.2	+56	9.995 5750	1005	6 54	17 33
26	224.5	10 18 42.205	1099	− 8	336 13 41.2	60 19.3	+55	9.995 6755	1012	6 52	17 35
27	225.5	10 22 38.759	1098	−10	337 14 0.5	60 17.2	+51	9.995 7767	1022	6 50	17 37
28	226.5	10 26 35.313	+1096	−10	338 14 17.7	60 15.2	+44	9.995 8789	1031	6 48	17 38
29	227.5	10 30 31.866	1094	− 6	339 14 32.9	60 13.2	+35	9.995 9820	1043	6 46	17 40
März 1	228.5	10 34 28.420	1093	− 1	340 14 46.1	60 11.0	+24	9.996 0863	1055	6 44	17 42
2	229.5	10 38 24.973	1091	+ 6	341 14 57.1	60 9.0	+11	9.996 1918	1067	6 42	17 44
3	230.5	10 42 21.527	1089	+12	342 15 6.1	60 6.8	− 2	9.996 2985	1081	6 40	17 45
4	231.5	10 46 18.080	1087	+15	343 15 12.9	60 4.9	−15	9.996 4066	1096	6 38	17 47
5	232.5	10 50 14.633	+1085	+16	344 15 17.8	60 2.8	−28	9.996 5162	1110	6 36	17 48
6	233.5	10 54 11.187	1083	+15	345 15 20.6	60 0.8	−39	9.996 6272	1125	6 34	17 50
7	234.5	10 58 7.740	1081	+11	346 15 21.4	59 58.9	−48	9.996 7397	1139	6 32	17 52
8	235.5	11 2 4.293	1078	+ 5	347 15 20.3	59 57.0	−55	9.996 8536	1153	6 30	17 53
9	236.5	11 6 0.846	1076	− 1	348 15 17.3	59 55.1	−60	9.996 9689	1167	6 27	17 55
10	237.5	11 9 57.399	1074	− 6	349 15 12.4	59 53.2	−62	9.997 0856	1180	6 25	17 56
11	238.5	11 13 53.952	+1072	−11	350 15 5.6	59 51.5	−61	9.997 2036	1192	6 23	17 58
12	239.5	11 17 50.505	1069	−14	351 14 57.1	59 49.6	−58	9.997 3228	1204	6 21	18 0
13	240.5	11 21 47.058	1067	−15	352 14 46.7	59 48.0	−53	9.997 4432	1215	6 19	18 1
14	241.5	11 25 43.611	1064	−14	353 14 34.7	59 46.1	−45	9.997 5647	1224	6 16	18 3
15	242.5	11 29 40.164	1062	−11	354 14 20.8	59 44.5	−35	9.997 6871	1231	6 14	18 4
16	243.5	11 33 36.717	1060	− 6	355 14 5.3	59 42.7	−24	9.997 8102	1238	6 12	18 6
17	244.5	11 37 33.270	+1057	0	356 13 48.0	59 41.1	−11	9.997 9340	1242	6 10	18 8
18	245.5	11 41 29.823	1055	+ 5	357 13 29.1	59 39.3	+ 1	9.998 0582	1246	6 8	18 9
19	246.5	11 45 26.376	1052	+ 8	358 13 8.4	59 37.6	+13	9.998 1828	1247	6 6	18 11
20	247.5	11 49 22.929	1049	+ 9	359 12 46.0	59 35.8	+24	9.998 3075	1246	6 4	18 12
21	248.5	11 53 19.481	1047	+ 7	0 12 21.8	59 33.9	+33	9.998 4321	1245	6 2	18 14
22	249.5	11 57 16.034	+1044	+ 3	1 11 55.7		+39	9.998 5566		6 0	18 16

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
März 22	St	+7 8.38	18.05	0 4 24.42	3 38.50	+0 28 40.6	23 40.9	64.48	16 4.70
23	Mo	6 50.33	18.12	0 8 2.92	3 38.43	0 52 21.5	23 39.3	64.47	16 4.42
24	Di	6 32.21	18.19	0 11 41.35	3 38.36	1 16 0.8	23 37.2	64.46	16 4.15
25	Mi	6 14.02	18.23	0 15 19.71	3 38.32	1 39 38.0	23 34.8	64.45	16 3.88
26	Do	5 55.79	18.27	0 18 58.03	3 38.29	2 3 12.8	23 32.1	64.44	16 3.60
27	Fr	5 37.52	18.28	0 22 36.32	3 38.27	2 26 44.9	23 28.9	64.44	16 3.33
28	Sa	+5 19.24	18.27	0 26 14.59	3 38.28	+2 50 13.8	23 25.4	64.44	16 3.06
29	St	5 0.97	18.25	0 29 52.87	3 38.31	3 13 39.2	23 21.6	64.44	16 2.79
30	Mo	4 42.72	18.20	0 33 31.18	3 38.35	3 37 0.8	23 17.3	64.45	16 2.52
31	Di	4 24.52	18.14	0 37 9.53	3 38.41	4 0 18.1	23 12.8	64.46	16 2.25
April 1	Mi	4 6.38	18.06	0 40 47.94	3 38.49	4 23 30.9	23 8.0	64.48	16 1.97
2	Do	3 48.32	17.95	0 44 26.43	3 38.61	4 46 38.9	23 2.8	64.50	16 1.70
3	Fr	+3 30.37	17.83	0 48 5.04	3 38.73	+5 9 41.7	22 57.3	64.52	16 1.43
4	Sa	3 12.54	17.67	0 51 43.77	3 38.87	5 32 39.0	22 51.4	64.54	16 1.16
5	St	2 54.87	17.51	0 55 22.64	3 39.05	5 55 30.4	22 45.2	64.56	16 0.89
6	Mo	2 37.36	17.32	0 59 1.69	3 39.23	6 18 15.6	22 38.7	64.59	16 0.61
7	Di	2 20.04	17.11	1 2 40.92	3 39.45	6 40 54.3	22 32.0	64.62	16 0.33
8	Mi	2 2.93	16.87	1 6 20.37	3 39.68	7 3 26.3	22 24.8	64.65	16 0.06
9	Do	+1 46.06	16.62	1 10 0.05	3 39.93	+7 25 51.1	22 17.3	64.69	15 59.78
10	Fr	1 29.44	16.35	1 13 39.98	3 40.21	7 48 8.4	22 9.5	64.73	15 59.51
11	Sa	1 13.09	16.05	1 17 20.19	3 40.50	8 10 17.9	22 1.4	64.77	15 59.23
12	St	0 57.04	15.75	1 21 0.69	3 40.81	8 32 19.3	21 53.0	64.81	15 58.95
13	Mo	0 41.29	15.41	1 24 41.50	3 41.14	8 54 12.3	21 44.2	64.85	15 58.68
14	Di	0 25.88	15.06	1 28 22.64	3 41.49	9 15 56.5	21 35.0	64.90	15 58.40
15	Mi	+0 10.82	14.70	1 32 4.13	3 41.85	+9 37 31.5	21 25.6	64.95	15 58.12
16	Do	—0 3.88	14.32	1 35 45.98	3 42.24	9 58 57.1	21 15.8	65.00	15 57.85
17	Fr	0 18.20	13.92	1 39 28.22	3 42.64	10 20 12.9	21 5.7	65.05	15 57.57
18	Sa	0 32.12	13.51	1 43 10.86	3 43.04	10 41 18.6	20 55.1	65.11	15 57.31
19	St	0 45.63	13.09	1 46 53.90	3 43.46	11 2 13.7	20 44.3	65.17	15 57.04
20	Mo	0 58.72	12.67	1 50 37.36	3 43.88	11 22 58.0	20 33.0	65.23	15 56.77
21	Di	—1 11.39	12.24	1 54 21.24	3 44.32	+11 43 31.0	20 21.5	65.29	15 56.51
22	Mi	1 23.63	11.79	1 58 5.56	3 44.77	12 3 52.5	20 9.5	65.36	15 56.25
23	Do	1 35.42	11.34	2 1 50.33	3 45.21	12 24 2.0	19 57.2	65.42	15 56.00
24	Fr	1 46.76	10.88	2 5 35.54	3 45.67	12 43 59.2	19 44.6	65.49	15 55.75
25	Sa	1 57.64	10.42	2 9 21.21	3 46.14	13 3 43.8	19 31.7	65.56	15 55.50
26	St	2 8.06	9.94	2 13 7.35	3 46.61	13 23 15.5	19 18.4	65.63	15 55.25
27	Mo	—2 18.00	9.47	2 16 53.96	3 47.09	+13 42 33.9	19 4.7	65.70	15 55.01
28	Di	2 27.47	8.97	2 20 41.05	3 47.58	14 1 38.6	18 50.8	65.78	15 54.77
29	Mi	2 36.44	8.47	2 24 28.63	3 48.08	14 20 29.4	18 36.6	65.85	15 54.53
30	Do	2 44.91	7.96	2 28 16.71	3 48.60	14 39 6.0	18 22.1	65.93	15 54.29
Mai 1	Fr	2 52.87	7.45	2 32 5.31	3 49.11	14 57 28.1	18 7.2	66.00	15 54.05
2	Sa	—3 0.32		2 35 54.42		+15 15 35.3		66.08	15 53.82

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge		Breite	log R		Aufgang	Untergang
										in {+50° Breite, 0h Länge	
1936	2428	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
März 22	249.5	11 57 16.034	+1044	+3	1 11 55.7	59 32.0	+39	9.998 5566	1241	6 0	18 16
23	250.5	12 1 12.587	1042	−2	2 11 27.7	59 30.0	+42	9.998 6807	1237	5 58	18 17
24	251.5	12 5 9.140	1039	−7	3 10 57.7	59 27.8	+42	9.998 8044	1234	5 55	18 19
25	252.5	12 9 5.693	1037	−10	4 10 25.5	59 25.7	+39	9.998 9278	1230	5 53	18 20
26	253.5	12 13 2.246	1034	−11	5 9 51.2	59 23.4	+32	9.999 0508	1227	5 51	18 22
27	254.5	12 16 58.799	1032	−8	6 9 14.6	59 21.1	+24	9.999 1735	1224	5 49	18 24
28	255.5	12 20 55.352	+1030	−2	7 8 35.7	59 18.8	+13	9.999 2959	1224	5 47	18 25
29	256.5	12 24 51.905	1027	+4	8 7 54.5	59 16.4	0	9.999 4183	1223	5 44	18 27
30	257.5	12 28 48.457	1025	+11	9 7 10.9	59 14.1	−13	9.999 5406	1224	5 42	18 28
31	258.5	12 32 45.011	1022	+15	10 6 25.0	59 11.7	−26	9.999 6630	1226	5 40	18 30
April 1	259.5	12 36 41.564	1020	+17	11 5 36.7	59 9.5	−39	9.999 7856	1228	5 38	18 31
2	260.5	12 40 38.117	1018	+16	12 4 46.2	59 7.2	−51	9.999 9084	1231	5 36	18 33
3	261.5	12 44 34.670	+1015	+13	13 3 53.4	59 4.9	−60	0.000 0315	1235	5 33	18 34
4	262.5	12 48 31.223	1013	+8	14 2 58.3	59 2.8	−67	0.000 1550	1237	5 31	18 36
5	263.5	12 52 27.776	1011	+2	15 2 1.1	59 0.7	−72	0.000 2787	1241	5 29	18 37
6	264.5	12 56 24.329	1009	−4	16 1 1.8	58 58.6	−74	0.000 4028	1244	5 27	18 39
7	265.5	13 0 20.882	1007	−9	17 0 0.4	58 56.5	−74	0.000 5272	1247	5 25	18 40
8	266.5	13 4 17.436	1005	−13	17 58 56.9	58 54.6	−71	0.000 6519	1249	5 22	18 42
9	267.5	13 8 13.989	+1003	−15	18 57 51.5	58 52.7	−65	0.000 7768	1252	5 20	18 43
10	268.5	13 12 10.543	1001	−14	19 56 44.2	58 50.8	−57	0.000 9020	1253	5 18	18 45
11	269.5	13 16 7.096	999	−12	20 55 35.0	58 49.0	−48	0.001 0273	1253	5 16	18 47
12	270.5	13 20 3.649	997	−7	21 54 24.0	58 47.2	−36	0.001 1526	1252	5 14	18 48
13	271.5	13 24 0.203	995	−2	22 53 11.2	58 45.5	−23	0.001 2778	1250	5 12	18 50
14	272.5	13 27 56.757	993	+4	23 51 56.7	58 43.7	−11	0.001 4028	1247	5 10	18 51
15	273.5	13 31 53.310	+992	+7	24 50 40.4	58 42.2	+1	0.001 5275	1241	5 8	18 53
16	274.5	13 35 49.864	990	+8	25 49 22.6	58 40.4	+12	0.001 6516	1234	5 6	18 55
17	275.5	13 39 46.418	989	+7	26 48 3.0	58 38.8	+21	0.001 7750	1225	5 4	18 56
18	276.5	13 43 42.972	987	+4	27 46 41.8	58 37.1	+27	0.001 8975	1214	5 2	18 58
19	277.5	13 47 39.526	986	−2	28 45 18.9	58 35.4	+30	0.002 0189	1203	5 0	18 59
20	278.5	13 51 36.080	985	−7	29 43 54.3	58 33.6	+31	0.002 1392	1189	4 58	19 1
21	279.5	13 55 32.634	+984	−11	30 42 27.9	58 31.7	+28	0.002 2581	1175	4 56	19 3
22	280.5	13 59 29.189	982	−12	31 40 59.6	58 29.7	+22	0.002 3756	1161	4 54	19 4
23	281.5	14 3 25.743	981	−10	32 39 29.3	58 27.8	+13	0.002 4917	1146	4 52	19 6
24	282.5	14 7 22.297	980	−5	33 37 57.1	58 25.8	+2	0.002 6063	1133	4 50	19 7
25	283.5	14 11 18.852	979	+2	34 36 22.9	58 23.6	−11	0.002 7196	1120	4 48	19 9
26	284.5	14 15 15.406	979	+8	35 34 46.5	58 21.6	−25	0.002 8316	1108	4 46	19 10
27	285.5	14 19 11.961	+978	+14	36 33 8.1	58 19.4	−38	0.002 9424	1097	4 44	19 12
28	286.5	14 23 8.515	977	+17	37 31 27.5	58 17.4	−51	0.003 0521	1087	4 43	19 13
29	287.5	14 27 5.070	977	+18	38 29 44.9	58 15.3	−63	0.003 1608	1078	4 41	19 15
30	288.5	14 31 1.625	976	+15	39 28 0.2	58 13.3	−72	0.003 2686	1071	4 39	19 16
Mai 1	289.5	14 34 58.180	976	+10	40 26 13.5	58 11.3	−79	0.003 3757	1062	4 37	19 18
2	290.5	14 38 54.735	+975	+4	41 24 24.8		−84	0.003 4819		4 35	19 19

Sonne 1936

Tag		Wochentag	0ʰ Welt-Zeit							
			Zeitgleichung Mittlere Zeit *minus* Wahre Zeit	Diff.	Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Mai	2	Sa	−3 0.32	6.92	2 35 54.42	3 49.63	+15 15 35.3	17 52.1	66.08	15 53.82
	3	St	3 7.24	6.38	2 39 44.05	3 50.18	15 33 27.4	17 36.6	66.16	15 53.59
	4	Mo	3 13.62	5.84	2 43 34.23	3 50.71	15 51 4.0	17 20.9	66.24	15 53.36
	5	Di	3 19.46	5.28	2 47 24.94	3 51.28	16 8 24.9	17 4.8	66.32	15 53.13
	6	Mi	3 24.74	4.73	2 51 16.22	3 51.83	16 25 29.7	16 48.5	66.40	15 52.90
	7	Do	3 29.47	4.16	2 55 8.05	3 52.39	16 42 18.2	16 31.9	66.49	15 52.67
	8	Fr	−3 33.63	3.58	2 59 0.44	3 52.97	+16 58 50.1	16 14.9	66.57	15 52.46
	9	Sa	3 37.21	3.01	3 2 53.41	3 53.55	17 15 5.0	15 57.8	66.65	15 52.24
	10	St	3 40.22	2.42	3 6 46.96	3 54.14	17 31 2.8	15 40.2	66.73	15 52.01
	11	Mo	3 42.64	1.83	3 10 41.10	3 54.72	17 46 43.0	15 22.5	66.81	15 51.79
	12	Di	3 44.47	1.24	3 14 35.82	3 55.32	18 2 5.5	15 4.3	66.89	15 51.58
	13	Mi	3 45.71	0.65	3 18 31.14	3 55.91	18 17 9.8	14 46.0	66.98	15 51.36
	14	Do	−3 46.36	0.05	3 22 27.05	3 56.50	+18 31 55.8	14 27.3	67.06	15 51.15
	15	Fr	3 46.41	0.54	3 26 23.55	3 57.09	18 46 23.1	14 8.4	67.14	15 50.94
	16	Sa	3 45.87	1.12	3 30 20.64	3 57.68	19 0 31.5	13 49.2	67.22	15 50.73
	17	St	3 44.75	1.70	3 34 18.32	3 58.26	19 14 20.7	13 29.6	67.30	15 50.53
	18	Mo	3 43.05	2.28	3 38 16.58	3 58.83	19 27 50.3	13 9.8	67.38	15 50.33
	19	Di	3 40.77	2.84	3 42 15.41	3 59.40	19 41 0.1	12 49.7	67.46	15 50.14
	20	Mi	−3 37.93	3.39	3 46 14.81	3 59.95	+19 53 49.8	12 29.4	67.54	15 49.96
	21	Do	3 34.54	3.93	3 50 14.76	4 0.48	20 6 19.2	12 8.7	67.61	15 49.77
	22	Fr	3 30.61	4.45	3 54 15.24	4 1.01	20 18 27.9	11 47.9	67.69	15 49.59
	23	Sa	3 26.16	4.96	3 58 16.25	4 1.52	20 30 15.8	11 26.8	67.76	15 49.42
	24	St	3 21.20	5.46	4 2 17.77	4 2.02	20 41 42.6	11 5.4	67.83	15 49.25
	25	Mo	3 15.74	5.95	4 6 19.79	4 2.50	20 52 48.0	10 43.8	67.90	15 49.08
	26	Di	−3 9.79	6.42	4 10 22.29	4 2.98	+21 3 31.8	10 22.0	67.97	15 48.92
	27	Mi	3 3.37	6.88	4 14 25.27	4 3.43	21 13 53.8	10 0.0	68.04	15 48.76
	28	Do	2 56.49	7.32	4 18 28.70	4 3.88	21 23 53.8	9 37.8	68.11	15 48.62
	29	Fr	2 49.17	7.75	4 22 32.58	4 4.31	21 33 31.6	9 15.4	68.18	15 48.47
	30	Sa	2 41.42	8.18	4 26 36.89	4 4.73	21 42 47.0	8 52.8	68.24	15 48.33
	31	St	2 33.24	8.58	4 30 41.62	4 5.14	21 51 39.8	8 30.0	68.30	15 48.18
Juni	1	Mo	−2 24.66	8.97	4 34 46.76	4 5.53	+22 0 9.8	8 7.0	68.36	15 48.04
	2	Di	2 15.69	9.36	4 38 52.29	4 5.91	22 8 16.8	7 43.9	68.41	15 47.91
	3	Mi	2 6.33	9.71	4 42 58.20	4 6.28	22 16 0.7	7 20.7	68.46	15 47.77
	4	Do	1 56.62	10.07	4 47 4.48	4 6.62	22 23 21.4	6 57.2	68.51	15 47.64
	5	Fr	1 46.55	10.40	4 51 11.10	4 6.96	22 30 18.6	6 33.6	68.56	15 47.52
	6	Sa	1 36.15	10.72	4 55 18.06	4 7.28	22 36 52.2	6 9.9	68.61	15 47.39
	7	St	−1 25.43	11.03	4 59 25.34	4 7.59	+22 43 2.1	5 46.0	68.66	15 47.28
	8	Mo	1 14.40	11.32	5 3 32.93	4 7.88	22 48 48.1	5 22.0	68.70	15 47.16
	9	Di	1 3.08	11.59	5 7 40.81	4 8.14	22 54 10.1	4 57.9	68.73	15 47.05
	10	Mi	0 51.49	11.85	5 11 48.95	4 8.41	22 59 8.0	4 33.6	68.76	15 46.93
	11	Do	0 39.64	12.08	5 15 57.36	4 8.64	23 3 41.6	4 9.3	68.79	15 46.82
	12	Fr	−0 27.56		5 20 6.00		+23 7 50.9		68.82	15 46.72

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge	Δ	Mittleres Äquinoktium 1936.0 Breite	log R	Δ	Aufgang in {+50° Breite, 0ʰ Länge}	Untergang in {+50° Breite, 0ʰ Länge}
1936	2428	h m s	s in 0.001		° ′ ″		″ in 0.01			h m	h m
Mai 2	290.5	14 38 54.735	+975	+4	41 24 24.8	58′ 9.3″	−84	0.003 4819	1055	4 35	19 19
3	291.5	14 42 51.290	975	−2	42 22 34.1	58 7.5	−87	0.003 5874	1048	4 34	19 21
4	292.5	14 46 47.846	975	−7	43 20 41.6	58 5.7	−87	0.003 6922	1042	4 32	19 22
5	293.5	14 50 44.401	975	−11	44 18 47.3	58 3.9	−84	0.003 7964	1035	4 30	19 24
6	294.5	14 54 40.956	975	−13	45 16 51.2	58 2.2	−78	0.003 8999	1028	4 28	19 25
7	295.5	14 58 37.512	975	−13	46 14 53.4	58 0.6	−70	0.004 0027	1022	4 27	19 27
8	296.5	15 2 34.067	+975	−12	47 12 54.0	57 59.0	−60	0.004 1049	1015	4 25	19 28
9	297.5	15 6 30.623	976	−8	48 10 53.0	57 57.6	−48	0.004 2064	1007	4 24	19 30
10	298.5	15 10 27.179	976	−3	49 8 50.6	57 56.1	−36	0.004 3071	1000	4 22	19 31
11	299.5	15 14 23.734	976	+2	50 6 46.7	57 54.9	−23	0.004 4071	990	4 20	19 33
12	300.5	15 18 20.290	977	+7	51 4 41.6	57 53.5	−10	0.004 5061	979	4 19	19 34
13	301.5	15 22 16.846	977	+9	52 2 35.1	57 52.3	+1	0.004 6040	967	4 17	19 36
14	302.5	15 26 13.402	+978	+8	53 0 27.4	57 51.1	+10	0.004 7007	954	4 16	19 37
15	303.5	15 30 9.958	979	+5	53 58 18.5	57 50.0	+17	0.004 7961	938	4 14	19 39
16	304.5	15 34 6.515	980	−1	54 56 8.5	57 48.8	+21	0.004 8899	921	4 13	19 40
17	305.5	15 38 3.071	981	−6	55 53 57.3	57 47.7	+22	0.004 9820	903	4 12	19 41
18	306.5	15 41 59.627	982	−11	56 51 45.0	57 46.5	+20	0.005 0723	882	4 10	19 43
19	307.5	15 45 56.184	983	−13	57 49 31.5	57 45.2	+15	0.005 1605	862	4 9	19 44
20	308.5	15 49 52.740	+984	−12	58 47 16.7	57 44.0	+7	0.005 2467	840	4 8	19 45
21	309.5	15 53 49.297	985	−8	59 45 0.7	57 42.6	−5	0.005 3307	817	4 7	19 46
22	310.5	15 57 45.853	986	−2	60 42 43.3	57 41.3	−17	0.005 4124	795	4 6	19 48
23	311.5	16 1 42.410	988	+5	61 40 24.6	57 39.8	−29	0.005 4919	773	4 4	19 49
24	312.5	16 5 38.967	989	+12	62 38 4.4	57 38.4	−42	0.005 5692	753	4 3	19 51
25	313.5	16 9 35.524	991	+16	63 35 42.8	57 36.9	−56	0.005 6445	733	4 2	19 52
26	314.5	16 13 32.081	+992	+18	64 33 19.7	57 35.5	−69	0.005 7178	714	4 1	19 53
27	315.5	16 17 28.638	994	+16	65 30 55.2	57 34.1	−79	0.005 7892	696	4 0	19 54
28	316.5	16 21 25.195	996	+12	66 28 29.3	57 32.6	−87	0.005 8588	679	4 0	19 56
29	317.5	16 25 21.752	998	+6	67 26 1.9	57 31.3	−93	0.005 9267	663	3 59	19 57
30	318.5	16 29 18.309	999	+1	68 23 33.2	57 30.0	−95	0.005 9930	647	3 58	19 58
31	319.5	16 33 14.867	1001	−5	69 21 3.2	57 28.7	−95	0.006 0577	633	3 57	19 59
Juni 1	320.5	16 37 11.424	+1003	−10	70 18 31.9	57 27.5	−92	0.006 1210	619	3 56	20 0
2	321.5	16 41 7.981	1005	−13	71 15 59.4	57 26.3	−87	0.006 1829	605	3 56	20 1
3	322.5	16 45 4.539	1007	−13	72 13 25.7	57 25.3	−80	0.006 2434	592	3 55	20 2
4	323.5	16 49 1.096	1009	−12	73 10 51.0	57 24.2	−71	0.006 3026	579	3 54	20 3
5	324.5	16 52 57.654	1012	−8	74 8 15.2	57 23.3	−59	0.006 3605	566	3 53	20 4
6	325.5	16 56 54.211	1014	−4	75 5 38.5	57 22.5	−46	0.006 4171	554	3 53	20 5
7	326.5	17 0 50.769	+1016	+2	76 3 1.0	57 21.7	−32	0.006 4725	541	3 52	20 5
8	327.5	17 4 47.326	1018	+6	77 0 22.7	57 21.1	−18	0.006 5266	527	3 52	20 6
9	328.5	17 8 43.884	1020	+9	77 57 43.8	57 20.5	−6	0.006 5793	513	3 51	20 7
10	329.5	17 12 40.442	1023	+10	78 55 4.3	57 20.0	+4	0.006 6306	496	3 51	20 8
11	330.5	17 16 36.999	1025	+7	79 52 24.3	57 19.5	+13	0.006 6802	480	3 51	20 8
12	331.5	17 20 33.557	+1027	+2	80 49 43.8		+18	0.006 7282		3 50	20 9

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juni 12	Fr	−0 27.56	12.30	5 20 6.00	4 8.86	+23 7 50.9	3 44.9	68.82	15 46.72
13	Sa	0 15.26	12.49	5 24 14.86	4 9.05	23 11 35.8	3 20.3	68.85	15 46.62
14	St	−0 2.77	12.67	5 28 23.91	4 9.22	23 14 56.1	2 55.7	68.88	15 46.52
15	Mo	+0 9.90	12.81	5 32 33.13	4 9.37	23 17 51.8	2 31.1	68.89	15 46.43
16	Di	0 22.71	12.93	5 36 42.50	4 9.48	23 20 22.9	2 6.3	68.91	15 46.34
17	Mi	0 35.64	13.02	5 40 51.98	4 9.58	23 22 29.2	1 41.5	68.92	15 46.26
18	Do	+0 48.66	13.08	5 45 1.56	4 9.64	+23 24 10.7	1 16.8	68.93	15 46.19
19	Fr	1 1.74	13.11	5 49 11.20	4 9.67	23 25 27.5	0 51.9	68.94	15 46.12
20	Sa	1 14.85	13.12	5 53 20.87	4 9.68	23 26 19.4	0 27.2	68.94	15 46.06
21	St	1 27.97	13.10	5 57 30.55	4 9.65	23 26 46.6	0 2.3	68.94	15 46.00
22	Mo	1 41.07	13.04	6 1 40.20	4 9.60	23 26 48.9	0 22.5	68.94	15 45.94
23	Di	1 54.11	12.97	6 5 49.80	4 9.53	23 26 26.4	0 47.3	68.93	15 45.90
24	Mi	+2 7.08	12.86	6 9 59.33	4 9.42	+23 25 39.1	1 12.0	68.92	15 45.85
25	Do	2 19.94	12.74	6 14 8.75	4 9.30	23 24 27.1	1 36.6	68.91	15 45.82
26	Fr	2 32.68	12.59	6 18 18.05	4 9.14	23 22 50.5	2 1.3	68.89	15 45.78
27	Sa	2 45.27	12.41	6 22 27.19	4 8.97	23 20 49.2	2 25.9	68.87	15 45.76
28	St	2 57.68	12.21	6 26 36.16	4 8.77	23 18 23.3	2 50.4	68.85	15 45.73
29	Mo	3 9.89	12.00	6 30 44.93	4 8.55	23 15 32.9	3 14.8	68.82	15 45.71
30	Di	+3 21.89	11.75	6 34 53.48	4 8.32	+23 12 18.1	3 39.1	68.80	15 45.70
Juli 1	Mi	3 33.64	11.50	6 39 1.80	4 8.06	23 8 39.0	4 3.4	68.76	15 45.69
2	Do	3 45.14	11.22	6 43 9.86	4 7.78	23 4 35.6	4 27.5	68.72	15 45.68
3	Fr	3 56.36	10.93	6 47 17.64	4 7.48	23 0 8.1	4 51.6	68.68	15 45.67
4	Sa	4 7.29	10.62	6 51 25.12	4 7.17	22 55 16.5	5 15.5	68.64	15 45.67
5	St	4 17.91	10.29	6 55 32.29	4 6.85	22 50 1.0	5 39.3	68.60	15 45.67
6	Mo	+4 28.20	9.95	6 59 39.14	4 6.51	+22 44 21.7	6 3.0	68.56	15 45.68
7	Di	4 38.15	9.59	7 3 45.65	4 6.15	22 38 18.7	6 26.6	68.50	15 45.69
8	Mi	4 47.74	9.22	7 7 51.80	4 5.77	22 31 52.1	6 50.0	68.45	15 45.70
9	Do	4 56.96	8.83	7 11 57.57	4 5.40	22 25 2.1	7 13.2	68.39	15 45.72
10	Fr	5 5.79	8.44	7 16 2.97	4 4.99	22 17 48.9	7 36.4	68.33	15 45.73
11	Sa	5 14.23	8.02	7 20 7.96	4 4.58	22 10 12.5	7 59.3	68.27	15 45.76
12	St	+5 22.25	7.59	7 24 12.54	4 4.15	+22 2 13.2	8 22.1	68.21	15 45.78
13	Mo	5 29.84	7.14	7 28 16.69	4 3.70	21 53 51.1	8 44.7	68.15	15 45.82
14	Di	5 36.98	6.68	7 32 20.39	4 3.24	21 45 6.4	9 7.0	68.09	15 45.85
15	Mi	5 43.66	6.21	7 36 23.63	4 2.75	21 35 59.4	9 29.2	68.02	15 45.89
16	Do	5 49.87	5.70	7 40 26.38	4 2.26	21 26 30.2	9 51.2	67.94	15 45.94
17	Fr	5 55.57	5.19	7 44 28.64	4 1.75	21 16 39.0	10 12.8	67.87	15 45.99
18	Sa	+6 0.76	4.66	7 48 30.39	4 1.22	+21 6 26.2	10 34.2	67.80	15 46.05
19	St	6 5.42	4.12	7 52 31.61	4 0.67	20 55 52.0	10 55.5	67.72	15 46.12
20	Mo	6 9.54	3.56	7 56 32.28	4 0.12	20 44 56.5	11 16.4	67.64	15 46.18
21	Di	6 13.10	2.99	8 0 32.40	3 59.55	20 33 40.1	11 37.1	67.56	15 46.26
22	Mi	6 16.09	2.41	8 4 31.95	3 58.96	20 22 3.0	11 57.5	67.48	15 46.33
23	Do	+6 18.50		8 8 30.91		+20 10 5.5		67.40	15 46.42

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge		Breite	log *R*		Aufgang in {+50° Breite, 0ʰ Länge	Untergang in {+50° Breite, 0ʰ Länge
1936	2428	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
Juni 12	331.5	17 20 33.557	+1027	+ 2	80 49 43.8	57 19.2	+18	0.006 7282	462	3 50	20 9
13	332.5	17 24 30.115	1030	− 4	81 47 3.0	57 18.8	+21	0.006 7744	441	3 50	20 9
14	333.5	17 28 26.673	1032	− 9	82 44 21.8	57 18.4	+20	0.006 8185	419	3 50	20 10
15	334.5	17 32 23.230	1035	−13	83 41 40.2	57 18.1	+15	0.006 8604	397	3 50	20 10
16	335.5	17 36 19.788	1037	−13	84 38 58.3	57 17.7	+ 7	0.006 9001	372	3 50	20 11
17	336.5	17 40 16.346	1040	−10	85 36 16.0	57 17.4	− 2	0.006 9373	346	3 50	20 11
18	337.5	17 44 12.904	+1042	− 5	86 33 33.4	57 16.9	−14	0.006 9719	321	3 50	20 12
19	338.5	17 48 9.462	1045	+ 2	87 30 50.3	57 16.5	−28	0.007 0040	294	3 50	20 12
20	339.5	17 52 6.020	1047	+ 9	88 28 6.8	57 15.9	−42	0.007 0334	268	3 50	20 12
21	340.5	17 56 2.577	1050	+14	89 25 22.7	57 15.5	−55	0.007 0602	243	3 50	20 12
22	341.5	17 59 59.135	1052	+16	90 22 38.2	57 14.8	−67	0.007 0845	217	3 51	20 13
23	342.5	18 3 55.693	1055	+16	91 19 53.0	57 14.3	−79	0.007 1062	193	3 51	20 13
24	343.5	18 7 52.251	+1057	+13	92 17 7.3	57 13.7	−88	0.007 1255	171	3 51	20 13
25	344.5	18 11 48.809	1060	+ 8	93 14 21.0	57 13.2	−95	0.007 1426	148	3 51	20 13
26	345.5	18 15 45.367	1062	+ 2	94 11 34.2	57 12.7	−98	0.007 1574	127	3 52	20 13
27	346.5	18 19 41.925	1065	− 4	95 8 46.9	57 12.2	−99	0.007 1701	108	3 52	20 13
28	347.5	18 23 38.482	1067	− 8	96 5 59.1	57 11.8	−97	0.007 1809	88	3 53	20 13
29	348.5	18 27 35.040	1069	−12	97 3 10.9	57 11.3	−92	0.007 1897	70	3 53	20 13
30	349.5	18 31 31.598	+1072	−13	98 0 22.2	57 11.0	−85	0.007 1967	52	3 54	20 13
Juli 1	350.5	18 35 28.156	1074	−13	98 57 33.2	57 10.7	−76	0.007 2019	36	3 55	20 12
2	351.5	18 39 24.713	1077	−10	99 54 43.9	57 10.5	−64	0.007 2055	20	3 55	20 12
3	352.5	18 43 21.271	1079	− 5	100 51 54.4	57 10.4	−51	0.007 2075	5	3 56	20 11
4	353.5	18 47 17.829	1081	0	101 49 4.8	57 10.3	−37	0.007 2080	10	3 57	20 11
5	354.5	18 51 14.386	1083	+ 5	102 46 15.1	57 10.4	−23	0.007 2070	24	3 58	20 11
6	355.5	18 55 10.944	+1086	+ 9	103 43 25.5	57 10.5	−10	0.007 2046	39	3 59	20 10
7	356.5	18 59 7.502	1088	+10	104 40 36.0	57 10.7	+ 1	0.007 2007	53	3 59	20 10
8	357.5	19 3 4.059	1090	+ 8	105 37 46.7	57 11.1	+10	0.007 1954	70	4 0	20 9
9	358.5	19 7 0.616	1092	+ 5	106 34 57.8	57 11.5	+17	0.007 1884	86	4 1	20 9
10	359.5	19 10 57.174	1094	− 1	107 32 9.3	57 12.0	+20	0.007 1798	104	4 2	20 8
11	360.5	19 14 53.731	1096	− 7	108 29 21.3	57 12.5	+21	0.007 1694	123	4 3	20 7
12	361.5	19 18 50.289	+1098	−11	109 26 33.8	57 13.0	+18	0.007 1571	144	4 4	20 7
13	362.5	19 22 46.846	1100	−13	110 23 46.8	57 13.7	+12	0.007 1427	166	4 5	20 6
14	363.5	19 26 43.403	1102	−12	111 21 0.5	57 14.2	+ 3	0.007 1261	190	4 6	20 5
15	364.5	19 30 39.960	1104	− 7	112 18 14.7	57 14.8	− 8	0.007 1071	215	4 7	20 4
16	365.5	19 34 36.517	1105	0	113 15 29.5	57 15.4	−22	0.007 0856	239	4 8	20 3
17	366.5	19 38 33.074	1107	+ 7	114 12 44.9	57 15.9	−36	0.007 0617	266	4 9	20 2
18	367.5	19 42 29.631	+1109	+12	115 10 0.8	57 16.4	−49	0.007 0351	291	4 10	20 1
19	368.5	19 46 26.188	1110	+16	116 7 17.2	57 16.9	−61	0.007 0060	318	4 11	20 0
20	369.5	19 50 22.745	1112	+16	117 4 34.1	57 17.2	−72	0.006 9742	343	4 12	19 59
21	370.5	19 54 19.302	1113	+14	118 1 51.3	57 17.7	−81	0.006 9399	368	4 14	19 58
22	371.5	19 58 15.859	1114	+ 9	118 59 9.0	57 18.1	−88	0.006 9031	391	4 15	19 56
23	372.5	20 2 12.415	+1116	+ 4	119 56 27.1		−92	0.006 8640		4 17	19 55

Tag		Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit (0h Welt-Zeit)		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936			m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Juli	23	Do	+6 18.50	1.81	8 8 30.91	3 58.37	+20 10 5.5	12 17.7	67.40	15 46.42
	24	Fr	6 20.31	1.22	8 12 29.28	3 57.78	19 57 47.8	12 37.6	67.32	15 46.51
	25	Sa	6 21.53	0.61	8 16 27.06	3 57.17	19 45 10.2	12 57.2	67.24	15 46.61
	26	St	6 22.14	0.01	8 20 24.23	3 56.56	19 32 13.0	13 16.6	67.16	15 46.71
	27	Mo	6 22.15	0.61	8 24 20.79	3 55.94	19 18 56.4	13 35.7	67.07	15 46.81
	28	Di	6 21.54	1.23	8 28 16.73	3 55.33	19 5 20.7	13 54.5	66.99	15 46.92
	29	Mi	+6 20.31	1.85	8 32 12.06	3 54.71	+18 51 26.2	14 13.1	66.90	15 47.03
	30	Do	6 18.46	2.47	8 36 6.77	3 54.09	18 37 13.1	14 31.3	66.81	15 47.15
	31	Fr	6 15.99	3.08	8 40 0.86	3 53.47	18 22 41.8	14 49.3	66.73	15 47.27
Aug.	1	Sa	6 12.91	3.70	8 43 54.33	3 52.86	18 7 52.5	15 7.1	66.64	15 47.39
	2	St	6 9.21	4.31	8 47 47.19	3 52.24	17 52 45.4	15 24.6	66.55	15 47.51
	3	Mo	6 4.90	4.92	8 51 39.43	3 51.64	17 37 20.8	15 41.7	66.47	15 47.64
	4	Di	+5 59.98	5.51	8 55 31.07	3 51.05	+17 21 39.1	15 58.7	66.38	15 47.77
	5	Mi	5 54.47	6.10	8 59 22.12	3 50.45	17 5 40.4	16 15.3	66.29	15 47.90
	6	Do	5 48.37	6.69	9 3 12.57	3 49.87	16 49 25.1	16 31.7	66.21	15 48.04
	7	Fr	5 41.68	7.26	9 7 2.44	3 49.29	16 32 53.4	16 47.9	66.12	15 48.18
	8	Sa	5 34.42	7.83	9 10 51.73	3 48.73	16 16 5.5	17 3.6	66.03	15 48.32
	9	St	5 26.59	8.39	9 14 40.46	3 48.16	15 59 1.9	17 19.2	65.95	15 48.47
	10	Mo	+5 18.20	8.94	9 18 28.62	3 47.61	+15 41 42.7	17 34.4	65.86	15 48.61
	11	Di	5 9.26	9.50	9 22 16.23	3 47.06	15 24 8.3	17 49.3	65.78	15 48.76
	12	Mi	4 59.76	10.04	9 26 3.29	3 46.52	15 6 19.0	18 3.8	65.70	15 48.91
	13	Do	4 49.72	10.57	9 29 49.81	3 45.98	14 48 15.2	18 18.1	65.62	15 49.07
	14	Fr	4 39.15	11.11	9 33 35.79	3 45.45	14 29 57.1	18 32.0	65.54	15 49.24
	15	Sa	4 28.04	11.63	9 37 21.24	3 44.92	14 11 25.1	18 45.6	65.46	15 49.41
	16	St	+4 16.41	12.16	9 41 6.16	3 44.39	+13 52 39.5	18 58.9	65.38	15 49.59
	17	Mo	4 4.25	12.67	9 44 50.55	3 43.89	13 33 40.6	19 11.8	65.31	15 49.76
	18	Di	3 51.58	13.18	9 48 34.44	3 43.37	13 14 28.8	19 24.3	65.23	15 49.95
	19	Mi	3 38.40	13.67	9 52 17.81	3 42.88	12 55 4.5	19 36.5	65.16	15 50.13
	20	Do	3 24.73	14.17	9 56 0.69	3 42.39	12 35 28.0	19 48.5	65.09	15 50.32
	21	Fr	3 10.56	14.64	9 59 43.08	3 41.91	12 15 39.5	20 0.1	65.02	15 50.52
	22	Sa	+2 55.92	15.12	10 3 24.99	3 41.44	+11 55 39.4	20 11.3	64.95	15 50.72
	23	St	2 40.80	15.57	10 7 6.43	3 40.99	11 35 28.1	20 22.2	64.89	15 50.93
	24	Mo	2 25.23	16.01	10 10 47.42	3 40.54	11 15 5.9	20 32.8	64.82	15 51.13
	25	Di	2 9.22	16.44	10 14 27.96	3 40.12	10 54 33.1	20 43.1	64.76	15 51.35
	26	Mi	1 52.78	16.85	10 18 8.08	3 39.69	10 33 50.0	20 53.0	64.70	15 51.56
	27	Do	1 35.93	17.26	10 21 47.77	3 39.30	10 12 57.0	21 2.7	64.64	15 51.78
	28	Fr	+1 18.67	17.65	10 25 27.07	3 38.91	+ 9 51 54.3	21 12.0	64.59	15 52.00
	29	Sa	1 1.02	18.01	10 29 5.98	3 38.54	9 30 42.3	21 21.0	64.53	15 52.22
	30	St	0 43.01	18.35	10 32 44.52	3 38.20	9 9 21.3	21 29.7	64.48	15 52.45
	31	Mo	0 24.66	18.69	10 36 22.72	3 37.87	8 47 51.6	21 38.2	64.43	15 52.67
Sept.	1	Di	+0 5.97	18.99	10 40 0.59	3 37.56	8 26 13.4	21 46.3	64.38	15 52.89
	2	Mi	—0 13.02		10 43 38.15		+ 8 4 27.1		64.34	15 53.12

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge		Breite	log R		Aufgang	Untergang
		0h Welt-Zeit								in {+50° Breite, 0h Länge}	
1936	2428	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Juli 23	372.5	20 2 12.415	+1116	+ 4	119 56 27.1	57 18.4	−92	0.006 8640	415	4 17	19 55
24	373.5	20 6 8.972	1117	− 2	120 53 45.5	57 18.9	−93	0.006 8225	436	4 18	19 54
25	374.5	20 10 5.528	1118	− 7	121 51 4.4	57 19.3	−92	0.006 7789	457	4 19	19 53
26	375.5	20 14 2.085	1119	−11	122 48 23.7	57 19.7	−88	0.006 7332	477	4 21	19 52
27	376.5	20 17 58.641	1120	−13	123 45 43.4	57 20.2	−81	0.006 6855	496	4 22	19 50
28	377.5	20 21 55.197	1121	−13	124 43 3.6	57 20.7	−72	0.006 6359	513	4 24	19 49
29	378.5	20 25 51.753	+1122	−11	125 40 24.3	57 21.3	−60	0.006 5846	530	4 25	19 48
30	379.5	20 29 48.310	1123	− 7	126 37 45.6	57 21.9	−48	0.006 5316	545	4 26	19 46
31	380.5	20 33 44.866	1123	− 2	127 35 7.5	57 22.5	−34	0.006 4771	559	4 27	19 45
Aug. 1	381.5	20 37 41.421	1124	+ 3	128 32 30.0	57 23.2	−20	0.006 4212	572	4 29	19 43
2	382.5	20 41 37.977	1124	+ 7	129 29 53.2	57 24.1	− 7	0.006 3640	585	4 30	19 42
3	383.5	20 45 34.533	1125	+10	130 27 17.3	57 25.1	+ 5	0.006 3055	596	4 31	19 40
4	384.5	20 49 31.089	+1125	+10	131 24 42.4	57 26.0	+15	0.006 2459	608	4 32	19 38
5	385.5	20 53 27.644	1125	+ 7	132 22 8.4	57 27.2	+22	0.006 1851	620	4 34	19 37
6	386.5	20 57 24.200	1125	+ 1	133 19 35.6	57 28.4	+27	0.006 1231	633	4 35	19 35
7	387.5	21 1 20.755	1126	− 4	134 17 4.0	57 29.7	+29	0.006 0598	646	4 37	19 34
8	388.5	21 5 17.311	1126	− 9	135 14 33.7	57 31.0	+26	0.005 9952	660	4 38	19 32
9	389.5	21 9 13.866	1126	−12	136 12 4.7	57 32.5	+22	0.005 9292	677	4 40	19 30
10	390.5	21 13 10.421	+1125	−11	137 9 37.2	57 33.9	+15	0.005 8615	694	4 41	19 28
11	391.5	21 17 6.976	1125	− 8	138 7 11.1	57 35.4	+ 4	0.005 7921	712	4 43	19 27
12	392.5	21 21 3.531	1125	− 2	139 4 46.5	57 36.8	− 8	0.005 7209	731	4 44	19 25
13	393.5	21 25 0.086	1124	+ 5	140 2 23.3	57 38.3	−21	0.005 6478	752	4 46	19 23
14	394.5	21 28 56.641	1124	+11	141 0 1.6	57 39.7	−33	0.005 5726	773	4 47	19 21
15	395.5	21 32 53.196	1123	+15	141 57 41.3	57 41.1	−46	0.005 4953	795	4 49	19 19
16	396.5	21 36 49.750	+1122	+16	142 55 22.4	57 42.5	−57	0.005 4158	816	4 50	19 17
17	397.5	21 40 46.305	1122	+15	143 53 4.9	57 43.7	−65	0.005 3342	837	4 52	19 15
18	398.5	21 44 42.860	1121	+11	144 50 48.6	57 45.1	−72	0.005 2505	858	4 53	19 13
19	399.5	21 48 39.414	1120	+ 5	145 48 33.7	57 46.4	−76	0.005 1647	879	4 55	19 11
20	400.5	21 52 35.968	1119	− 1	146 46 20.1	57 47.6	−77	0.005 0768	898	4 56	19 9
21	401.5	21 56 32.522	1118	− 6	147 44 7.7	57 48.8	−76	0.004 9870	917	4 58	19 8
22	402.5	22 0 29.077	+1117	−10	148 41 56.5	57 50.1	−72	0.004 8953	934	4 59	19 6
23	403.5	22 4 25.631	1115	−13	149 39 46.6	57 51.3	−66	0.004 8019	950	5 1	19 4
24	404.5	22 8 22.185	1114	−13	150 37 37.9	57 52.5	−58	0.004 7069	965	5 2	19 2
25	405.5	22 12 18.739	1112	−12	151 35 30.4	57 53.8	−48	0.004 6104	980	5 4	19 0
26	406.5	22 16 15.293	1111	− 9	152 33 24.2	57 55.1	−36	0.004 5124	992	5 5	18 57
27	407.5	22 20 11.846	1109	− 4	153 31 19.3	57 56.3	−23	0.004 4132	1004	5 7	18 55
28	408.5	22 24 8.400	+1108	+ 1	154 29 15.6	57 57.7	− 9	0.004 3128	1014	5 8	18 53
29	409.5	22 28 4.954	1106	+ 5	155 27 13.3	57 59.1	+ 4	0.004 2114	1022	5 10	18 51
30	410.5	22 32 1.507	1104	+ 8	156 25 12.4	58 0.5	+16	0.004 1092	1029	5 11	18 49
31	411.5	22 35 58.061	1102	+ 9	157 23 12.9	58 2.1	+27	0.004 0063	1036	5 13	18 47
Sept. 1	412.5	22 39 54.614	1101	+ 7	158 21 15.0	58 3.6	+35	0.003 9027	1040	5 14	18 45
2	413.5	22 43 51.168	+1099	+ 3	159 19 18.6		+41	0.003 7987		5 16	18 43

Tag	Wochentag	Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
		0h Welt-Zeit							
1936		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Sept. 2	Mi	— 0 13.02	19.28	10 43 38.15	3 37.27	+8 4 27.1	21 54.1	64.34	15 53.12
3	Do	0 32.30	19.54	10 47 15.42	3 37.01	7 42 33.0	22 1.7	64.30	15 53.35
4	Fr	0 51.84	19.78	10 50 52.43	3 36.77	7 20 31.3	22 9.0	64.26	15 53.58
5	Sa	1 11.62	20.01	10 54 29.20	3 36.55	6 58 22.3	22 15.9	64.22	15 53.82
6	St	1 31.63	20.20	10 58 5.75	3 36.35	6 36 6.4	22 22.5	64.19	15 54.05
7	Mo	1 51.83	20.38	11 1 42.10	3 36.17	6 13 43.9	22 28.9	64.16	15 54.29
8	Di	— 2 12.21	20.55	11 5 18.27	3 36.01	+5 51 15.0	22 34.9	64.13	15 54.52
9	Mi	2 32.76	20.69	11 8 54.28	3 35.87	5 28 40.1	22 40.5	64.11	15 54.76
10	Do	2 53.45	20.81	11 12 30.15	3 35.74	5 5 59.6	22 45.8	64.08	15 55.00
11	Fr	3 14.26	20.92	11 16 5.89	3 35.63	4 43 13.8	22 50.8	64.06	15 55.25
12	Sa	3 35.18	21.01	11 19 41.52	3 35.54	4 20 23.0	22 55.3	64.05	15 55.49
13	St	3 56.19	21.09	11 23 17.06	3 35.47	3 57 27.7	22 59.7	64.04	15 55.74
14	Mo	— 4 17.28	21.14	11 26 52.53	3 35.41	+3 34 28.0	23 3.5	64.03	15 56.00
15	Di	4 38.42	21.19	11 30 27.94	3 35.36	3 11 24.5	23 7.1	64.02	15 56.25
16	Mi	4 59.61	21.21	11 34 3.30	3 35.34	2 48 17.4	23 10.3	64.01	15 56.51
17	Do	5 20.82	21.22	11 37 38.64	3 35.33	2 25 7.1	23 13.2	64.01	15 56.77
18	Fr	5 42.04	21.21	11 41 13.97	3 35.34	2 1 53.9	23 15.6	64.01	15 57.03
19	Sa	6 3.25	21.19	11 44 49.31	3 35.37	1 38 38.3	23 17.7	64.01	15 57.30
20	St	— 6 24.44	21.14	11 48 24.68	3 35.41	+1 15 20.6	23 19.6	64.01	15 57.57
21	Mo	6 45.58	21.08	11 52 0.09	3 35.47	0 52 1.0	23 21.0	64.02	15 57.84
22	Di	7 6.66	21.00	11 55 35.56	3 35.56	0 28 40.0	23 22.1	64.04	15 58.12
23	Mi	7 27.66	20.90	11 59 11.12	3 35.66	+0 5 17.9	23 22.9	64.06	15 58.40
24	Do	7 48.56	20.77	12 2 46.78	3 35.77	—0 18 5.0	23 23.3	64.08	15 58.67
25	Fr	8 9.33	20.64	12 6 22.55	3 35.92	0 41 28.3	23 23.3	64.10	15 58.95
26	Sa	— 8 29.97	20.47	12 9 58.47	3 36.08	—1 4 51.6	23 23.1	64.12	15 59.22
27	St	8 50.44	20.29	12 13 34.55	3 36.26	1 28 14.7	23 22.5	64.15	15 59.50
28	Mo	9 10.73	20.09	12 17 10.81	3 36.47	1 51 37.2	23 21.6	64.18	15 59.78
29	Di	9 30.82	19.85	12 20 47.28	3 36.70	2 14 58.8	23 20.4	64.21	16 0.06
30	Mi	9 50.67	19.60	12 24 23.98	3 36.95	2 38 19.2	23 18.8	64.25	16 0.33
Okt. 1	Do	10 10.27	19.32	12 28 0.93	3 37.23	3 1 38.0	23 17.0	64.29	16 0.61
2	Fr	—10 29.59	19.02	12 31 38.16	3 37.54	—3 24 55.0	23 14.7	64.34	16 0.89
3	Sa	10 48.61	18.68	12 35 15.70	3 37.87	3 48 9.7	23 12.2	64.38	16 1.16
4	St	11 7.29	18.33	12 38 53.57	3 38.22	4 11 21.9	23 9.3	64.43	16 1.44
5	Mo	11 25.62	17.95	12 42 31.79	3 38.60	4 34 31.2	23 6.2	64.48	16 1.71
6	Di	11 43.57	17.55	12 46 10.39	3 39.00	4 57 37.4	23 2.5	64.54	16 1.98
7	Mi	12 1.12	17.13	12 49 49.39	3 39.42	5 20 39.9	22 58.6	64.60	16 2.25
8	Do	—12 18.25	16.70	12 53 28.81	3 39.87	—5 43 38.5	22 54.3	64.66	16 2.53
9	Fr	12 34.95	16.23	12 57 8.68	3 40.32	6 6 32.8	22 49.5	64.72	16 2.80
10	Sa	12 51.18	15.76	13 0 49.00	3 40.79	6 29 22.3	22 44.5	64.78	16 3.07
11	St	13 6.94	15.27	13 4 29.79	3 41.29	6 52 6.8	22 38.9	64.85	16 3.35
12	Mo	13 22.21	14.76	13 8 11.08	3 41.79	7 14 45.7	22 33.1	64.93	16 3.61
13	Di	—13 36.97		13 11 52.87		—7 37 18.8		65.00	16 3.89

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	0h Welt-Zeit — Mittleres Äquinoktium 1936.0 Länge		Breite	log R		Aufgang	Untergang
										in {+50° Breite, 0h Länge}	
1936	2428	h m s	in 0.001 s		° ′ ″	′ ″	in 0.01″			h m	h m
Sept. 2	413.5	22 43 51.168	+1099	+ 3	159 19 18.6	58 5.4	+41	0.003 7987	1046	5 16	18 43
3	414.5	22 47 47.721	1097	− 2	160 17 24.0	58 7.2	+43	0.003 6941	1051	5 17	18 41
4	415.5	22 51 44.274	1095	− 8	161 15 31.2	58 9.1	+42	0.003 5890	1056	5 19	18 39
5	416.5	22 55 40.828	1092	−11	162 13 40.3	58 11.1	+39	0.003 4834	1061	5 20	18 36
6	417.5	22 59 37.381	1090	−11	163 11 51.4	58 13.1	+32	0.003 3773	1069	5 22	18 34
7	418.5	23 3 33.934	1088	− 8	164 10 4.5	58 15.2	+22	0.003 2704	1078	5 23	18 32
8	419.5	23 7 30.487	+1086	− 3	165 8 19.7	58 17.3	+10	0.003 1626	1087	5 25	18 30
9	420.5	23 11 27.040	1083	+ 4	166 6 37.0	58 19.4	− 3	0.003 0539	1098	5 26	18 28
10	421.5	23 15 23.593	1081	+10	167 4 56.4	58 21.5	−16	0.002 9441	1109	5 28	18 25
11	422.5	23 19 20.146	1079	+15	168 3 17.9	58 23.6	−28	0.002 8332	1122	5 29	18 23
12	423.5	23 23 16.699	1076	+17	169 1 41.5	58 25.6	−38	0.002 7210	1134	5 31	18 21
13	424.5	23 27 13.252	1074	+16	170 0 7.1	58 27.6	−47	0.002 6076	1148	5 32	18 19
14	425.5	23 31 9.805	+1071	+13	170 58 34.7	58 29.6	−54	0.002 4928	1161	5 34	18 17
15	426.5	23 35 6.358	1069	+ 7	171 57 4.3	58 31.5	−59	0.002 3767	1174	5 35	18 14
16	427.5	23 39 2.910	1066	+ 1	172 55 35.8	58 33.4	−61	0.002 2593	1186	5 37	18 12
17	428.5	23 42 59.462	1063	− 4	173 54 9.2	58 35.3	−60	0.002 1407	1199	5 38	18 10
18	429.5	23 46 56.016	1061	− 9	174 52 44.5	58 37.1	−56	0.002 0208	1210	5 40	18 8
19	430.5	23 50 52.569	1058	−12	175 51 21.6	58 38.9	−50	0.001 8998	1221	5 41	18 6
20	431.5	23 54 49.121	+1056	−13	176 50 0.5	58 40.6	−42	0.001 7777	1230	5 43	18 3
21	432.5	23 58 45.674	1053	−12	177 48 41.1	58 42.4	−32	0.001 6547	1238	5 44	18 1
22	433.5	0 2 42.227	1050	−10	178 47 23.5	58 44.1	−20	0.001 5309	1246	5 46	17 59
23	434.5	0 6 38.779	1047	− 6	179 46 7.6	58 45.9	− 7	0.001 4063	1251	5 47	17 57
24	435.5	0 10 35.332	1045	− 1	180 44 53.5	58 47.5	+ 6	0.001 2812	1256	5 49	17 55
25	436.5	0 14 31.885	1042	+ 3	181 43 41.0	58 49.3	+19	0.001 1556	1259	5 50	17 52
26	437.5	0 18 28.437	+1039	+ 7	182 42 30.3	58 51.0	+31	0.001 0297	1261	5 52	17 50
27	438.5	0 22 24.990	1037	+ 8	183 41 21.3	58 52.8	+42	0.000 9036	1260	5 53	17 48
28	439.5	0 26 21.543	1034	+ 7	184 40 14.1	58 54.6	+51	0.000 7776	1258	5 55	17 46
29	440.5	0 30 18.096	1031	+ 3	185 39 8.7	58 56.5	+57	0.000 6518	1254	5 56	17 44
30	441.5	0 34 14.648	1029	− 2	186 38 5.2	58 58.4	+60	0.000 5264	1250	5 58	17 41
Okt. 1	442.5	0 38 11.201	1026	− 7	187 37 3.6	59 0.5	+59	0.000 4014	1245	5 59	17 39
2	443.5	0 42 7.754	+1024	−11	188 36 4.1	59 2.6	+55	0.000 2769	1240	6 1	17 37
3	444.5	0 46 4.307	1021	−12	189 35 6.7	59 4.8	+48	0.000 1529	1236	6 3	17 35
4	445.5	0 50 0.859	1019	−10	190 34 11.5	59 7.1	+39	0.000 0293	1231	6 4	17 33
5	446.5	0 53 57.412	1016	− 5	191 33 18.6	59 9.4	+28	9.999 9062	1228	6 6	17 30
6	447.5	0 57 53.965	1014	+ 1	192 32 28.0	59 11.8	+16	9.999 7834	1226	6 7	17 28
7	448.5	1 1 50.518	1011	+ 8	193 31 39.8	59 14.1	+ 4	9.999 6608	1225	6 9	17 26
8	449.5	1 5 47.071	+1009	+14	194 30 53.9	59 16.5	− 9	9.999 5383	1225	6 11	17 24
9	450.5	1 9 43.624	1006	+17	195 30 10.4	59 18.8	−20	9.999 4158	1226	6 12	17 22
10	451.5	1 13 40.177	1004	+18	196 29 29.2	59 21.1	−30	9.999 2932	1228	6 14	17 20
11	452.5	1 17 36.730	1002	+15	197 28 50.3	59 23.3	−37	9.999 1704	1229	6 15	17 18
12	453.5	1 21 33.283	1000	+10	198 28 13.6	59 25.6	−41	9.999 0475	1232	6 17	17 16
13	454.5	1 25 29.837	+ 997	+ 4	199 27 39.2		−42	9.998 9243		6 18	17 14

Tag	Wochentag	0h Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Okt. 13	Di	−13 36.97	14.23	13 11 52.87	3 42.32	− 7 37 18.8	22 26.8	65.00	16 3.89
14	Mi	13 51.20	13.69	13 15 35.19	3 42.86	7 59 45.6	22 20.1	65.08	16 4.16
15	Do	14 4.89	13.14	13 19 18.05	3 43.41	8 22 5.7	22 13.1	65.16	16 4.43
16	Fr	14 18.03	12.57	13 23 1.46	3 43.99	8 44 18.8	22 5.6	65.24	16 4.71
17	Sa	14 30.60	11.99	13 26 45.45	3 44.56	9 6 24.4	21 57.7	65.33	16 4.99
18	St	14 42.59	11.39	13 30 30.01	3 45.17	9 28 22.1	21 49.4	65.41	16 5.26
19	Mo	−14 53.98	10.78	13 34 15.18	3 45.78	− 9 50 11.5	21 40.8	65.50	16 5.53
20	Di	15 4.76	10.15	13 38 0.96	3 46.40	10 11 52.3	21 31.8	65.60	16 5.81
21	Mi	15 14.91	9.51	13 41 47.36	3 47.04	10 33 24.1	21 22.2	65.69	16 6.09
22	Do	15 24.42	8.86	13 45 34.40	3 47.70	10 54 46.3	21 12.4	65.79	16 6.36
23	Fr	15 33.28	8.19	13 49 22.10	3 48.36	11 15 58.7	21 2.1	65.89	16 6.64
24	Sa	15 41.47	7.52	13 53 10.46	3 49.04	11 37 0.8	20 51.5	65.99	16 6.91
25	St	−15 48.99	6.82	13 56 59.50	3 49.73	−11 57 52.3	20 40.5	66.09	16 7.18
26	Mo	15 55.81	6.11	14 0 49.23	3 50.44	12 18 32.8	20 29.0	66.19	16 7.45
27	Di	16 1.92	5.39	14 4 39.67	3 51.17	12 39 1.8	20 17.2	66.30	16 7.72
28	Mi	16 7.31	4.65	14 8 30.84	3 51.90	12 59 19.0	20 5.1	66.40	16 7.98
29	Do	16 11.96	3.89	14 12 22.74	3 52.66	13 19 24.1	19 52.5	66.51	16 8.24
30	Fr	16 15.85	3.12	14 16 15.40	3 53.44	13 39 16.6	19 39.5	66.62	16 8.50
31	Sa	−16 18.97	2.33	14 20 8.84	3 54.22	−13 58 56.1	19 26.2	66.74	16 8.76
Nov. 1	St	16 21.30	1.53	14 24 3.06	3 55.02	14 18 22.3	19 12.5	66.85	16 9.01
2	Mo	16 22.83	0.71	14 27 58.08	3 55.85	14 37 34.8	18 58.4	66.96	16 9.26
3	Di	16 23.54	0.11	14 31 53.93	3 56.67	14 56 33.2	18 43.8	67.08	16 9.50
4	Mi	16 23.43	0.96	14 35 50.60	3 57.51	15 15 17.0	18 29.0	67.20	16 9.75
5	Do	16 22.47	1.80	14 39 48.11	3 58.36	15 33 46.0	18 13.6	67.31	16 9.98
6	Fr	−16 20.67	2.65	14 43 46.47	3 59.21	−15 51 59.6	17 57.8	67.43	16 10.22
7	Sa	16 18.02	3.52	14 47 45.68	4 0.06	16 9 57.4	17 41.7	67.55	16 10.45
8	St	16 14.50	4.37	14 51 45.74	4 0.93	16 27 39.1	17 25.1	67.67	16 10.68
9	Mo	16 10.13	5.23	14 55 46.67	4 1.79	16 45 4.2	17 8.1	67.79	16 10.91
10	Di	16 4.90	6.10	14 59 48.46	4 2.65	17 2 12.3	16 50.7	67.91	16 11.14
11	Mi	15 58.80	6.96	15 3 51.11	4 3.51	17 19 3.0	16 32.8	68.03	16 11.36
12	Do	−15 51.84	7.81	15 7 54.62	4 4.37	−17 35 35.8	16 14.6	68.15	16 11.58
13	Fr	15 44.03	8.67	15 11 58.99	4 5.23	17 51 50.4	15 56.0	68.27	16 11.81
14	Sa	15 35.36	9.52	15 16 4.22	4 6.07	18 7 46.4	15 36.9	68.39	16 12.03
15	St	15 25.84	10.36	15 20 10.29	4 6.92	18 23 23.3	15 17.5	68.51	16 12.25
16	Mo	15 15.48	11.20	15 24 17.21	4 7.76	18 38 40.8	14 57.6	68.62	16 12.46
17	Di	15 4.28	12.02	15 28 24.97	4 8.58	18 53 38.4	14 37.3	68.74	16 12.67
18	Mi	−14 52.26	12.85	15 32 33.55	4 9.40	−19 8 15.7	14 16.8	68.85	16 12.89
19	Do	14 39.41	13.65	15 36 42.95	4 10.21	19 22 32.5	13 55.8	68.97	16 13.09
20	Fr	14 25.76	14.45	15 40 53.16	4 11.01	19 36 28.3	13 34.4	69.08	16 13.30
21	Sa	14 11.31	15.24	15 45 4.17	4 11.80	19 50 2.7	13 12.6	69.19	16 13.50
22	St	13 56.07	16.02	15 49 15.97	4 12.57	20 3 15.3	12 50.6	69.30	16 13.70
23	Mo	−13 40.05		15 53 28.54		−20 16 5.9		69.41	16 13.90

Tag	0h Welt-Zeit Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge	Diff.	Breite	log R	Diff.	Auf-gang	Unter-gang
										in {+50° Breite, 0h Länge}	
1936	2428	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Okt. 13	454.5	1 25 29.837	+997	+ 4	199 27 39.2	59 27.7	−42	9.998 9243	1234	6 18	17 14
14	455.5	1 29 26.390	995	− 2	200 27 6.9	59 29.8	−41	9.998 8009	1236	6 20	17 12
15	456.5	1 33 22.943	993	− 7	201 26 36.7	59 32.0	−37	9.998 6773	1239	6 21	17 10
16	457.5	1 37 19.497	991	−11	202 26 8.7	59 33.9	−32	9.998 5534	1240	6 23	17 8
17	458.5	1 41 16.050	990	−13	203 25 42.6	59 35.8	−23	9.998 4294	1242	6 24	17 6
18	459.5	1 45 12.604	988	−12	204 25 18.4	59 37.8	−13	9.998 3052	1241	6 26	17 4
19	460.5	1 49 9.157	+986	−10	205 24 56.2	59 39.6	− 1	9.998 1811	1241	6 28	17 2
20	461.5	1 53 5.711	984	− 7	206 24 35.8	59 41.4	+12	9.998 0570	1240	6 29	17 0
21	462.5	1 57 2.265	983	− 2	207 24 17.2	59 43.2	+25	9.997 9330	1237	6 31	16 58
22	463.5	2 0 58.818	981	+ 2	208 24 0.4	59 44.9	+39	9.997 8093	1233	6 33	16 56
23	464.5	2 4 55.372	980	+ 5	209 23 45.3	59 46.6	+51	9.997 6860	1227	6 35	16 54
24	465.5	2 8 51.926	978	+ 7	210 23 31.9	59 48.3	+61	9.997 5633	1220	6 36	16 52
25	466.5	2 12 48.480	+977	+ 7	211 23 20.2	59 50.0	+70	9.997 4413	1211	6 38	16 50
26	467.5	2 16 45.035	976	+ 4	212 23 10.2	59 51.7	+76	9.997 3202	1200	6 39	16 48
27	468.5	2 20 41.589	975	− 1	213 23 1.9	59 53.3	+79	9.997 2002	1187	6 41	16 46
28	469.5	2 24 38.143	974	− 7	214 22 55.2	59 55.1	+79	9.997 0815	1174	6 43	16 44
29	470.5	2 28 34.698	973	−11	215 22 50.3	59 57.0	+76	9.996 9641	1159	6 44	16 43
30	471.5	2 32 31.252	972	−13	216 22 47.3	59 58.8	+69	9.996 8482	1143	6 46	16 41
31	472.5	2 36 27.807	+971	−12	217 22 46.1	60 0.8	+60	9.996 7339	1127	6 47	16 40
Nov. 1	473.5	2 40 24.361	970	− 8	218 22 46.9	60 2.8	+49	9.996 6212	1111	6 49	16 38
2	474.5	2 44 20.916	970	− 1	219 22 49.7	60 4.8	+37	9.996 5101	1096	6 51	16 36
3	475.5	2 48 17.471	969	+ 6	220 22 54.5	60 6.9	+24	9.996 4005	1081	6 52	16 34
4	476.5	2 52 14.026	969	+13	221 23 1.4	60 9.1	+11	9.996 2924	1068	6 54	16 33
5	477.5	2 56 10.581	969	+17	222 23 10.5	60 11.1	− 2	9.996 1856	1055	6 55	16 31
6	478.5	3 0 7.136	+969	+18	223 23 21.6	60 13.3	−12	9.996 0801	1044	6 57	16 29
7	479.5	3 4 3.692	968	+16	224 23 34.9	60 15.3	−20	9.995 9757	1034	6 59	16 28
8	480.5	3 8 0.247	968	+12	225 23 50.2	60 17.3	−25	9.995 8723	1024	7 1	16 26
9	481.5	3 11 56.803	969	+ 7	226 24 7.5	60 19.2	−28	9.995 7699	1014	7 2	16 25
10	482.5	3 15 53.358	969	+ 1	227 24 26.7	60 21.2	−27	9.995 6685	1006	7 4	16 23
11	483.5	3 19 49.914	969	− 5	228 24 47.9	60 23.0	−23	9.995 5679	997	7 6	16 22
12	484.5	3 23 46.470	+970	− 9	229 25 10.9	60 24.8	−18	9.995 4682	989	7 8	16 21
13	485.5	3 27 43.025	970	−12	230 25 35.7	60 26.5	−10	9.995 3693	980	7 9	16 19
14	486.5	3 31 39.581	971	−12	231 26 2.2	60 28.2	− 1	9.995 2713	972	7 11	16 18
15	487.5	3 35 36.137	971	−10	232 26 30.4	60 29.7	+10	9.995 1741	963	7 12	16 16
16	488.5	3 39 32.693	972	− 7	233 27 0.1	60 31.2	+23	9.995 0778	953	7 14	16 15
17	489.5	3 43 29.250	973	− 3	234 27 31.3	60 32.7	+36	9.994 9825	943	7 16	16 14
18	490.5	3 47 25.806	+974	+ 1	235 28 4.0	60 34.0	+50	9.994 8882	932	7 17	16 13
19	491.5	3 51 22.363	975	+ 5	236 28 38.0	60 35.2	+63	9.994 7950	920	7 19	16 12
20	492.5	3 55 18.919	976	+ 7	237 29 13.2	60 36.5	+75	9.994 7030	907	7 20	16 11
21	493.5	3 59 15.476	977	+ 7	238 29 49.7	60 37.7	+84	9.994 6123	892	7 22	16 10
22	494.5	4 3 12.032	979	+ 5	239 30 27.4	60 38.8	+90	9.994 5231	876	7 23	16 9
23	495.5	4 7 8.589	+980	+ 1	240 31 6.2		+94	9.994 4355		7 25	16 8

Tag	Wochentag	0ʰ Welt-Zeit: Zeitgleichung Mittlere Zeit *minus* Wahre Zeit		Scheinbare Rektaszension		Scheinbare Deklination		Halbe Durchgangs-Dauer St.-Zt.	Halbmesser
1936		m s	s	h m s	m s	° ′ ″	′ ″	s	′ ″
Nov. 23	Mo	−13 40.05	16.78	15 53 28.54	4 13.33	−20 16 5.9	12 28.2	69.41	16 13.90
24	Di	13 23.27	17.53	15 57 41.87	4 14.09	20 28 34.1	12 5.5	69.52	16 14.09
25	Mi	13 5.74	18.27	16 1 55.96	4 14.83	20 40 39.6	11 42.3	69.63	16 14.28
26	Do	12 47.47	19.00	16 6 10.79	4 15.56	20 52 21.9	11 19.0	69.73	16 14.46
27	Fr	12 28.47	19.72	16 10 26.35	4 16.28	21 3 40.9	10 55.2	69.83	16 14.64
28	Sa	12 8.75	20.43	16 14 42.63	4 16.98	21 14 36.1	10 31.1	69.93	16 14.82
29	St	−11 48.32	21.12	16 18 59.61	4 17.68	−21 25 7.2	10 6.9	70.02	16 14.98
30	Mo	11 27.20	21.80	16 23 17.29	4 18.36	21 35 14.1	9 42.2	70.12	16 15.14
Dez. 1	Di	11 5.40	22.47	16 27 35.65	4 19.03	21 44 56.3	9 17.3	70.21	16 15.29
2	Mi	10 42.93	23.12	16 31 54.68	4 19.67	21 54 13.6	8 52.1	70.30	16 15.45
3	Do	10 19.81	23.74	16 36 14.35	4 20.30	22 3 5.7	8 26.6	70.38	16 15.59
4	Fr	9 56.07	24.35	16 40 34.65	4 20.90	22 11 32.3	8 0.8	70.46	16 15.73
5	Sa	− 9 31.72	24.93	16 44 55.55	4 21.49	−22 19 33.1	7 34.8	70.54	16 15.87
6	St	9 6.79	25.48	16 49 17.04	4 22.05	22 27 7.9	7 8.6	70.61	16 16.00
7	Mo	8 41.31	26.02	16 53 39.09	4 22.57	22 34 16.5	6 42.1	70.68	16 16.12
8	Di	8 15.29	26.51	16 58 1.66	4 23.07	22 40 58.6	6 15.4	70.75	16 16.25
9	Mi	7 48.78	26.98	17 2 24.73	4 23.54	22 47 14.0	5 48.5	70.82	16 16.37
10	Do	7 21.80	27.42	17 6 48.27	4 23.98	22 53 2.5	5 21.3	70.88	16 16.48
11	Fr	− 6 54.38	27.83	17 11 12.25	4 24.38	−22 58 23.8	4 54.1	70.93	16 16.59
12	Sa	6 26.55	28.19	17 15 36.63	4 24.75	23 3 17.9	4 26.6	70.98	16 16.70
13	St	5 58.36	28.54	17 20 1.38	4 25.10	23 7 44.5	3 59.0	71.03	16 16.80
14	Mo	5 29.82	28.83	17 24 26.48	4 25.39	23 11 43.5	3 31.3	71.07	16 16.90
15	Di	5 0.99	29.10	17 28 51.87	4 25.66	23 15 14.8	3 3.4	71.11	16 17.00
16	Mi	4 31.89	29.33	17 33 17.53	4 25.88	23 18 18.2	2 35.4	71.14	16 17.09
17	Do	− 4 2.56	29.52	17 37 43.41	4 26.08	−23 20 53.6	2 7.4	71.17	16 17.18
18	Fr	3 33.04	29.67	17 42 9.49	4 26.23	23 23 1.0	1 39.3	71.20	16 17.27
19	Sa	3 3.37	29.79	17 46 35.72	4 26.35	23 24 40.3	1 11.1	71.22	16 17.35
20	St	2 33.58	29.87	17 51 2.07	4 26.43	23 25 51.4	0 42.9	71.23	16 17.43
21	Mo	2 3.71	29.91	17 55 28.50	4 26.47	23 26 34.3	0 14.7	71.24	16 17.50
22	Di	1 33.80	29.93	17 59 54.97	4 26.48	23 26 49.0	$\overline{0\ 13.5}$	71.25	16 17.56
23	Mi	− 1 3.87	29.90	18 4 21.45	4 26.46	−23 26 35.5	0 41.8	71.26	16 17.63
24	Do	0 33.97	29.84	18 8 47.91	4 26.40	23 25 53.7	1 10.1	71.26	16 17.69
25	Fr	− 0 4.13	29.77	18 13 14.31	4 26.32	23 24 43.6	1 38.2	71.25	16 17.74
26	Sa	+ 0 25.64	29.64	18 17 40.63	4 26.20	23 23 5.4	2 6.4	71.24	16 17.78
27	St	0 55.28	29.50	18 22 6.83	4 26.06	23 20 59.0	2 34.5	71.22	16 17.82
28	Mo	1 24.78	29.32	18 26 32.89	4 25.88	23 18 24.5	3 2.6	71.20	16 17.85
29	Di	+ 1 54.10	29.13	18 30 58.77	4 25.69	−23 15 21.9	3 30.5	71.17	16 17.88
30	Mi	2 23.23	28.89	18 35 24.46	4 25.45	23 11 51.4	3 58.5	71.14	16 17.90
31	Do	2 52.12	28.64	18 39 49.91	4 25.20	23 7 52.9	4 26.2	71.10	16 17.91
32	Fr	+ 3 20.76		18 44 15.11		−23 3 26.7		71.06	16 17.92

Tag	Julian. Zeit	Sternzeit	Nutation in AR. langp. Gl.	Nutation in AR. kurzp. Gl.	Mittleres Äquinoktium 1936.0 Länge		Breite	log R		Aufgang in {+50° Breite, 0ʰ Länge}	Untergang in {+50° Breite, 0ʰ Länge}
1936	2428	h m s	s in 0.001		° ′ ″	′ ″	″ in 0.01			h m	h m
Nov. 23	495.5	4 7 8.589	+ 980	+ 1	240 31 6.2	60 39.9	+94	9.994 4355	858	7 25	16 8
24	496.5	4 11 5.146	982	− 5	241 31 46.1	60 41.0	+94	9.994 3497	838	7 26	16 7
25	497.5	4 15 1.703	983	−10	242 32 27.1	60 42.1	+91	9.994 2659	817	7 28	16 6
26	498.5	4 18 58.260	985	−14	243 33 9.2	60 43.2	+84	9.994 1842	793	7 29	16 5
27	499.5	4 22 54.817	987	−14	244 33 52.4	60 44.4	+75	9.994 1049	770	7 30	16 4
28	500.5	4 26 51.374	989	−11	245 34 36.8	60 45.6	+64	9.994 0279	744	7 32	16 3
29	501.5	4 30 47.932	+ 990	− 5	246 35 22.4	60 46.8	+51	9.993 9535	720	7 33	16 3
30	502.5	4 34 44.489	993	+ 2	247 36 9.2	60 48.1	+37	9.993 8815	694	7 35	16 2
Dez. 1	503.5	4 38 41.046	995	+10	248 36 57.3	60 49.5	+23	9.993 8121	670	7 36	16 1
2	504.5	4 42 37.604	997	+15	249 37 46.8	60 50.8	+10	9.993 7451	647	7 37	16 1
3	505.5	4 46 34.161	999	+18	250 38 37.6	60 52.2	− 2	9.993 6804	623	7 39	16 0
4	506.5	4 50 30.719	1001	+17	251 39 29.8	60 53.5	−11	9.993 6181	603	7 40	16 0
5	507.5	4 54 27.277	+1003	+14	252 40 23.3	60 54.9	−18	9.993 5578	582	7 42	15 59
6	508.5	4 58 23.834	1006	+ 8	253 41 18.2	60 56.2	−21	9.993 4996	562	7 43	15 59
7	509.5	5 2 20.392	1008	+ 2	254 42 14.4	60 57.4	−22	9.993 4434	544	7 44	15 59
8	510.5	5 6 16.950	1011	− 3	255 43 11.8	60 58.6	−20	9.993 3890	526	7 45	15 59
9	511.5	5 10 13.508	1013	− 7	256 44 10.4	60 59.7	−15	9.993 3364	509	7 46	15 58
10	512.5	5 14 10.066	1016	−10	257 45 10.1	61 0.7	− 8	9.993 2855	492	7 47	15 58
11	513.5	5 18 6.624	+1019	−12	258 46 10.8	61 1.8	+ 1	9.993 2363	476	7 48	15 58
12	514.5	5 22 3.182	1021	−10	259 47 12.6	61 2.6	+12	9.993 1887	460	7 49	15 58
13	515.5	5 25 59.740	1024	− 8	260 48 15.2	61 3.5	+24	9.993 1427	444	7 50	15 58
14	516.5	5 29 56.298	1027	− 4	261 49 18.7	61 4.2	+37	9.993 0983	429	7 51	15 59
15	517.5	5 33 52.856	1029	+ 1	262 50 22.9	61 4.9	+50	9.993 0554	413	7 52	15 59
16	518.5	5 37 49.414	1032	+ 5	263 51 27.8	61 5.4	+62	9.993 0141	396	7 53	15 59
17	519.5	5 41 45.972	+1035	+ 8	264 52 33.2	61 5.8	+74	9.992 9745	381	7 54	15 59
18	520.5	5 45 42.531	1038	+ 8	265 53 39.0	61 6.3	+83	9.992 9364	362	7 54	15 59
19	521.5	5 49 39.089	1040	+ 7	266 54 45.3	61 6.5	+90	9.992 9002	344	7 55	16 0
20	522.5	5 53 35.647	1043	+ 2	267 55 51.8	61 6.8	+95	9.992 8658	324	7 55	16 0
21	523.5	5 57 32.205	1046	− 3	268 56 58.6	61 7.0	+96	9.992 8334	302	7 56	16 0
22	524.5	6 1 28.763	1049	− 8	269 58 5.6	61 7.0	+94	9.992 8032	279	7 56	16 1
23	525.5	6 5 25.322	+1052	−13	270 59 12.6	61 7.2	+89	9.992 7753	255	7 57	16 1
24	526.5	6 9 21.880	1055	−15	272 0 19.8	61 7.3	+80	9.992 7498	228	7 57	16 2
25	527.5	6 13 18.438	1058	−13	273 1 27.1	61 7.3	+69	9.992 7270	202	7 58	16 2
26	528.5	6 17 14.996	1061	− 8	274 2 34.4	61 7.5	+55	9.992 7068	173	7 58	16 3
27	529.5	6 21 11.555	1063	− 1	275 3 41.9	61 7.7	+41	9.992 6895	144	7 58	16 4
28	530.5	6 25 8.113	1066	+ 6	276 4 49.6	61 7.9	+27	9.992 6751	114	7 58	16 5
29	531.5	6 29 4.671	+1069	+12	277 5 57.5	61 8.1	+13	9.992 6637	86	7 59	16 6
30	532.5	6 33 1.229	1072	+16	278 7 5.6	61 8.3	+ 1	9.992 6551	57	7 59	16 7
31	533.5	6 36 57.787	1075	+17	279 8 13.9	61 8.7	− 9	9.992 6494	29	7 59	16 8
32	534.5	6 40 54.345	+1077	+15	280 9 22.6		−17	9.992 6465		7 59	16 9

0^h Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1936												
Jan. 0	+0.143 382	+17 281	− 46	+1	−0.892 437	+ 2 501	+279	−1	−0.387 069	+1 085	+121	+3
1	0.160 663	17 229	52	−2	0.889 936	2 777	276	−5	0.385 984	1 205	120	0
2	0.177 892	17 172	57	−1	0.887 159	3 054	277	+1	0.384 779	1 324	119	−2
3	0.195 064	17 110	62	−1	0.884 105	3 328	274	−5	0.383 455	1 443	119	0
4	0.212 174	17 042	68	−4	0.880 777	3 601	273	−5	0.382 012	1 562	119	+1
5	0.229 216	16 970	72	0	0.877 176	3 873	272	−3	0.380 450	1 679	117	−4
6	+0.246 186	+16 893	− 77	+1	−0.873 303	+ 4 143	+270	−4	−0.378 771	+1 796	+117	−1
7	0.263 079	16 811	82	0	0.869 160	4 413	270	0	0.376 975	1 913	117	+3
8	0.279 890	16 724	87	−2	0.864 747	4 680	267	−4	0.375 062	2 030	117	+4
9	0.296 614	16 632	92	−3	0.860 067	4 946	266	−2	0.373 032	2 144	114	−4
10	0.313 246	16 535	97	−2	0.855 121	5 212	266	+2	0.370 888	2 260	116	+3
11	0.329 781	16 434	101	+3	0.849 909	5 475	263	−4	0.368 628	2 374	114	0
12	+0.346 215	+16 328	−106	+3	−0.844 434	+ 5 736	+261	−5	−0.366 254	+2 488	+114	−1
13	0.362 543	16 216	112	−2	0.838 698	5 998	262	+3	0.363 766	2 601	113	−4
14	0.378 759	16 100	116	+1	0.832 700	6 256	258	−5	0.361 165	2 713	112	−5
15	0.394 859	15 978	122	0	0.826 444	6 513	257	−5	0.358 452	2 825	112	−3
16	0.410 837	15 852	126	+4	0.819 931	6 768	255	−4	0.355 627	2 935	110	−5
17	0.426 689	15 721	131	+5	0.813 163	7 021	253	−2	0.352 692	3 046	111	+2
18	+0.442 410	+15 585	−136	+4	−0.806 142	+ 7 273	+252	+3	−0.349 646	+3 155	+109	−1
19	0.457 995	15 443	142	0	0.798 869	7 523	250	+3	0.346 491	3 263	108	−3
20	0.473 438	15 297	146	+3	0.791 346	7 769	246	−4	0.343 228	3 370	107	−2
21	0.488 735	15 146	151	+2	0.783 577	8 014	245	−1	0.339 858	3 477	107	+1
22	0.503 881	14 989	157	−3	0.775 563	8 256	242	0	0.336 381	3 582	105	−3
23	0.518 870	14 827	162	−5	0.767 307	8 497	241	+4	0.332 799	3 685	103	−5
24	+0.533 697	+14 661	−166	0	−0.758 810	+ 8 733	+236	−4	−0.329 114	+3 789	+104	+2
25	0.548 358	14 490	171	+1	0.750 077	8 966	233	−4	0.325 325	3 889	100	−5
26	0.562 848	14 314	176	−1	0.741 111	9 198	232	+3	0.321 436	3 990	101	+2
27	0.577 162	14 133	181	−4	0.731 913	9 425	227	−2	0.317 446	4 088	98	−2
28	0.591 295	13 948	185	−4	0.722 488	9 649	224	−2	0.313 358	4 185	97	−1
29	0.605 243	13 759	189	−4	0.712 839	9 869	220	−3	0.309 173	4 281	96	0
30	+0.619 002	+13 565	−194	−5	−0.702 970	+10 087	+218	+1	−0.304 892	+4 374	+ 93	−4
31	0.632 567	13 369	196	+2	0.692 883	10 300	213	−4	0.300 518	4 467	93	+1
Febr. 1	0.645 936	13 167	202	−3	0.682 583	10 509	209	−4	0.296 051	4 558	91	0
2	0.659 103	12 963	204	+3	0.672 074	10 717	208	+4	0.291 493	4 647	89	−2
3	0.672 066	12 756	207	+5	0.661 357	10 919	202	−3	0.286 846	4 735	88	0
4	0.684 822	12 543	213	−3	0.650 438	11 119	200	0	0.282 111	4 822	87	+3
5	+0.697 365	+12 329	−214	+4	−0.639 319	+11 314	+195	−4	−0.277 289	+4 907	+ 85	+1
6	0.709 694	12 111	218	+2	0.628 005	11 508	194	+3	0.272 382	4 990	83	0
7	0.721 805	11 888	223	−3	0.616 497	11 696	188	−3	0.267 392	5 073	83	+4
8	0.733 693	11 664	224	+5	0.604 801	11 882	186	+1	0.262 319	5 153	80	−1
9	0.745 357	+11 436	228	+4	0.592 919	+12 064	182	+1	0.257 166	+5 232	79	−1
10	+0.756 793		−232	0	−0.580 855		+179	+4	−0.251 934		+ 78	+1

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1936												
Febr. 10	+0.756 793	+11 204	−232	0	−0.580 855	+12 243	+179	+4	−0.251 934	+5 310	+78	+1
11	0.767 997	10 969	235	−1	0.568 612	12 418	175	+2	0.246 624	5 386	76	−1
12	0.778 966	10 730	239	−2	0.556 194	12 589	171	0	0.241 238	5 460	74	−3
13	0.789 696	10 489	241	+4	0.543 605	12 757	168	0	0.235 778	5 533	73	+1
14	0.800 185	10 245	244	+5	0.530 848	12 920	163	−3	0.230 245	5 604	71	+1
15	0.810 430	9 997	248	+1	0.517 928	13 081	161	+4	0.224 641	5 674	70	+3
16	+0.820 427	+ 9 745	−252	−2	−0.504 847	+13 237	+156	+2	−0.218 967	+5 742	+68	+3
17	0.830 172	9 492	253	+4	0.491 610	13 389	152	0	0.213 225	5 808	66	+1
18	0.839 664	9 234	258	−1	0.478 221	13 537	148	−1	0.207 417	5 872	64	−2
19	0.848 898	8 974	260	+1	0.464 684	13 681	144	0	0.201 545	5 934	62	−2
20	0.857 872	8 711	263	0	0.451 003	13 821	140	+1	0.195 611	5 995	61	+3
21	0.866 583	8 444	267	−4	0.437 182	13 956	135	−2	0.189 616	6 054	59	+3
22	+0.875 027	+ 8 175	−269	−1	−0.423 226	+14 086	+130	−5	−0.183 562	+6 110	+56	−1
23	0.883 202	7 904	271	+3	0.409 140	14 211	125	−4	0.177 452	6 164	54	−1
24	0.891 106	7 630	274	+2	0.394 929	14 333	122	+4	0.171 288	6 217	53	+2
25	0.898 736	7 354	276	+1	0.380 596	14 449	116	+1	0.165 071	6 267	50	−2
26	0.906 090	7 076	278	0	0.366 147	14 560	111	−2	0.158 804	6 314	47	−4
27	0.913 166	6 796	280	0	0.351 587	14 666	106	−4	0.152 490	6 361	47	+3
28	+0.919 962	+ 6 515	−281	+4	−0.336 921	+14 767	+101	−4	−0.146 129	+6 404	+43	−1
29	0.926 477	6 233	282	+5	0.322 154	14 864	97	0	0.139 725	6 447	43	+3
März 1	0.932 710	5 949	284	0	0.307 290	14 956	92	0	0.133 278	6 486	39	−3
2	0.938 659	5 663	286	−4	0.292 334	15 043	87	0	0.126 792	6 524	38	−2
3	0.944 322	5 377	286	−1	0.277 291	15 126	83	+4	0.120 268	6 560	36	−3
4	0.949 699	5 090	287	0	0.262 165	15 205	79	+4	0.113 708	6 594	34	−3
5	+0.954 789	+ 4 801	−289	−2	−0.246 960	+15 278	+ 73	−4	−0.107 114	+6 625	+31	−4
6	0.959 590	4 512	289	+1	0.231 682	15 347	69	−4	0.100 489	6 656	31	+4
7	0.964 102	4 221	291	−2	0.216 335	15 412	65	−1	0.093 833	6 685	29	+4
8	0.968 323	3 930	291	+2	0.200 923	15 472	60	−1	0.087 148	6 710	25	−4
9	0.972 253	3 638	292	+2	0.185 451	15 529	57	+3	0.080 438	6 735	25	+1
10	0.975 891	3 344	294	−2	0.169 922	15 579	50	−3	0.073 703	6 757	22	+1
11	+0.979 235	+ 3 051	−293	+2	−0.154 343	+15 627	+ 48	+5	−0.066 946	+6 778	+21	+5
12	0.982 286	2 755	296	−4	0.138 716	15 669	42	+3	0.060 168	6 797	19	+4
13	0.985 041	2 460	295	+1	0.123 047	15 708	39	+5	0.053 371	6 813	16	−1
14	0.987 501	2 164	296	+1	0.107 339	15 741	33	−2	0.046 558	6 828	15	−1
15	0.989 665	1 866	298	−2	0.091 598	15 769	28	−4	0.039 730	6 840	12	−5
16	0.991 531	1 569	297	+5	0.075 829	15 794	25	0	0.032 890	6 851	11	−2
17	+0.993 100	+ 1 271	−298	+5	−0.060 035	+15 813	+ 19	−3	−0.026 039	+6 859	+ 8	−4
18	0.994 371	972	299	+3	0.044 222	15 828	15	−1	0.019 180	6 865	6	−2
19	0.995 343	673	299	+5	0.028 394	15 838	10	0	0.012 315	6 870	5	+5
20	0.996 016	374	299	+5	−0.012 556	15 843	+ 5	−1	−0.005 445	6 872	+ 2	+4
21	0.996 390	+ 74	300	0	+0.003 287	+15 843	0	−2	+0.001 427	+6 872	0	+3
22	+0.996 464		−300	−2	+0.019 130		− 6	−4	+0.008 299		− 3	0

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1936.0 X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
März 22	+0.996 464	– 226	−300	−2	+0.019 130	+15 837	− 6	−4	+0.008 299	+6 869	− 3	0
23	0.996 238	525	299	−1	0.034 967	15 827	10	+1	0.015 168	6 865	4	+3
24	0.995 713	824	299	−3	0.050 794	15 812	15	+3	0.022 033	6 858	7	−1
25	0.994 889	1 123	299	−3	0.066 606	15 791	21	0	0.028 891	6 848	10	−3
26	0.993 766	1 419	296	+4	0.082 397	15 765	26	0	0.035 739	6 838	10	+4
27	0.992 347	1 716	297	−2	0.098 162	15 735	30	+2	0.042 577	6 824	14	−3
28	+0.990 631	– 2 011	−295	0	+0.113 897	+15 699	− 36	−1	+0.049 401	+6 808	−16	−3
29	0.988 620	2 305	294	+2	0.129 596	15 660	39	+3	0.056 209	6 791	17	+3
30	0.986 315	2 597	292	+5	0.145 256	15 615	45	−3	0.063 000	6 772	19	+5
31	0.983 718	2 888	291	+3	0.160 871	15 565	50	−4	0.069 772	6 751	21	+4
April 1	0.980 830	3 178	290	0	0.176 436	15 512	53	+3	0.076 523	6 727	24	−1
2	0.977 652	3 467	289	−1	0.191 948	15 455	57	+5	0.083 250	6 703	24	+3
3	+0.974 185	– 3 753	−286	+5	+0.207 403	+15 392	− 63	0	+0.089 953	+6 676	−27	−2
4	0.970 432	4 039	286	+2	0.222 795	15 326	66	+3	0.096 629	6 647	29	−5
5	0.966 393	4 322	283	+5	0.238 121	15 256	70	+3	0.103 276	6 616	31	−5
6	0.962 071	4 605	283	−2	0.253 377	15 181	75	−1	0.109 892	6 584	32	+1
7	0.957 466	4 886	281	−4	0.268 558	15 102	79	−3	0.116 476	6 551	33	+4
8	0.952 580	5 166	280	−5	0.283 660	15 019	83	−3	0.123 027	6 514	37	−3
9	+0.947 414	– 5 443	−277	+2	+0.298 679	+14 932	− 87	−3	+0.129 541	+6 477	−37	+1
10	0.941 971	5 719	276	+2	0.313 611	14 841	91	−3	0.136 018	6 437	40	−1
11	0.936 252	5 993	274	+2	0.328 452	14 745	96	−4	0.142 455	6 397	40	+3
12	0.930 259	6 267	274	−4	0.343 197	14 646	99	+2	0.148 852	6 353	44	−5
13	0.923 992	6 537	270	+2	0.357 843	14 543	103	+5	0.155 205	6 308	45	−3
14	0.917 455	6 807	270	−1	0.372 386	14 435	108	+2	0.161 513	6 261	47	0
15	+0.910 648	– 7 074	−267	+3	+0.386 821	+14 324	−111	+2	+0.167 774	+6 213	−48	+5
16	0.903 574	7 339	265	+2	0.401 145	14 207	117	−5	0.173 987	6 163	50	+4
17	0.896 235	7 603	264	−3	0.415 352	14 086	121	−3	0.180 150	6 110	53	−1
18	0.888 632	7 865	262	−3	0.429 438	13 962	124	+5	0.186 260	6 056	54	0
19	0.880 767	8 123	258	+5	0.443 400	13 833	129	+5	0.192 316	6 000	56	−1
20	0.872 644	8 379	256	+5	0.457 233	13 700	133	+4	0.198 316	5 941	59	−4
21	+0.864 265	– 8 632	−253	+3	+0.470 933	+13 561	−139	−2	+0.204 257	+5 882	−59	+2
22	0.855 633	8 884	252	−4	0.484 494	13 420	141	+4	0.210 139	5 820	62	−1
23	0.846 749	9 130	246	+3	0.497 914	13 273	147	−2	0.215 959	5 756	64	−2
24	0.837 619	9 375	245	−4	0.511 187	13 124	149	+2	0.221 715	5 691	65	+2
25	0.828 244	9 616	241	−3	0.524 311	12 969	155	−4	0.227 406	5 625	66	+4
26	0.818 628	9 853	237	+1	0.537 280	12 812	157	+1	0.233 031	5 556	69	−1
27	+0.808 775	−10 087	−234	+1	+0.550 092	+12 651	−161	+2	+0.238 587	+5 487	−69	+1
28	0.798 688	10 317	230	+2	0.562 743	12 487	164	+3	0.244 074	5 415	72	−5
29	0.788 371	10 545	228	−3	0.575 230	12 319	168	0	0.249 489	5 342	73	−3
30	0.777 826	10 768	223	0	0.587 549	12 149	170	+2	0.254 831	5 269	73	+4
Mai 1	0.767 058	−10 989	221	−4	0.599 698	+11 974	175	−3	0.260 100	+5 193	76	+1
2	+0.756 069		−217	0	+0.611 672		−176	+3	+0.265 293		−76	+4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Mai 2	+0.756 069	−11 206	−217	0	+0.611 672	+11 798	−176	+3	+0.265 293	+5 117	− 76	+4
3	0.744 863	11 419	213	+3	0.623 470	11 618	180	0	0.270 410	5 039	78	+1
4	0.733 444	11 629	210	+1	0.635 088	11 434	184	−4	0.275 449	4 960	79	+1
5	0.721 815	11 836	207	−1	0.646 522	11 249	185	+2	0.280 409	4 879	81	−2
6	0.709 979	12 040	204	−2	0.657 771	11 060	189	+1	0.285 288	4 798	81	0
7	0.697 939	12 239	199	+3	0.668 831	10 869	191	+3	0.290 086	4 714	84	−4
8	+0.685 700	−12 436	−197	−1	+0.679 700	+10 675	−194	+1	+0.294 800	+4 630	− 84	+1
9	0.673 264	12 629	193	0	0.690 375	10 477	198	−4	0.299 430	4 545	85	+4
10	0.660 635	12 819	190	0	0.700 852	10 277	200	−1	0.303 975	4 459	86	+4
11	0.647 816	13 005	186	+4	0.711 129	10 075	202	+4	0.308 434	4 370	89	−2
12	0.634 811	13 187	182	+5	0.721 204	9 870	205	+4	0.312 804	4 281	89	+2
13	0.621 624	13 367	180	−1	0.731 074	9 661	209	−1	0.317 085	4 191	90	+4
14	+0.608 257	−13 543	−176	0	+0.740 735	+ 9 450	−211	+1	+0.321 276	+4 099	− 92	+2
15	0.594 714	13 714	171	+5	0.750 185	9 236	214	+1	0.325 375	4 006	93	+3
16	0.581 000	13 882	168	+4	0.759 421	9 019	217	+2	0.329 381	3 912	94	+4
17	0.567 118	14 046	164	+3	0.768 440	8 800	219	+5	0.333 293	3 817	95	+3
18	0.553 072	14 206	160	+1	0.777 240	8 577	223	0	0.337 110	3 720	97	−2
19	0.538 866	14 361	155	+2	0.785 817	8 352	225	0	0.340 830	3 622	98	−5
20	+0.524 505	−14 512	−151	−1	+0.794 169	+ 8 124	−228	−2	+0.344 452	+3 523	− 99	−5
21	0.509 993	14 659	147	−3	0.802 293	7 894	230	−2	0.347 975	3 423	100	−4
22	0.495 334	14 800	141	+1	0.810 187	7 661	233	−5	0.351 398	3 322	101	−3
23	0.480 534	14 937	137	−1	0.817 848	7 426	235	−3	0.354 720	3 220	102	−2
24	0.465 597	15 069	132	−2	0.825 274	7 190	236	+2	0.357 940	3 118	102	+2
25	0.450 528	15 197	128	−4	0.832 464	6 952	238	+2	0.361 058	3 015	103	+1
26	+0.435 331	−15 320	−123	−1	+0.839 416	+ 6 712	−240	+1	+0.364 073	+2 910	−105	−4
27	0.420 011	15 437	117	+3	0.846 128	6 471	241	+1	0.366 983	2 806	104	+1
28	0.404 574	15 552	115	−4	0.852 599	6 227	244	−4	0.369 789	2 701	105	+1
29	0.389 022	15 660	108	+4	0.858 826	5 983	244	+1	0.372 490	2 595	106	−2
30	0.373 362	15 765	105	0	0.864 809	5 738	245	+4	0.375 085	2 488	107	−3
31	0.357 597	15 865	100	+1	0.870 547	5 491	247	+2	0.377 573	2 382	106	+3
Juni 1	+0.341 732	−15 960	− 95	+2	+0.876 038	+ 5 243	−248	+1	+0.379 955	+2 274	−108	+1
2	0.325 772	16 052	92	−2	0.881 281	4 994	249	0	0.382 229	2 167	107	+4
3	0.309 720	16 138	86	+2	0.886 275	4 743	251	−3	0.384 396	2 058	109	−3
4	0.293 582	16 221	83	−1	0.891 018	4 492	251	+1	0.386 454	1 949	109	−5
5	0.277 361	16 299	78	+2	0.895 510	4 240	252	+3	0.388 403	1 839	110	−4
6	0.261 062	16 372	73	+4	0.899 750	3 987	253	+2	0.390 242	1 730	109	+3
7	+0.244 690	−16 442	− 70	0	+0.903 737	+ 3 732	−255	−1	+0.391 972	+1 620	−110	+1
8	0.228 248	16 507	65	+1	0.907 469	3 478	254	+4	0.393 592	1 509	111	−3
9	0.211 741	16 568	61	0	0.910 947	3 221	257	−3	0.395 101	1 397	112	−4
10	0.195 173	16 624	56	+2	0.914 168	2 963	258	−3	0.396 498	1 286	111	+2
11	0.178 549	−16 676	52	0	0.917 131	+ 2 706	257	+4	0.397 784	+1 174	112	+1
12	+0.161 873		− 48	−2	+0.919 837		−260	−2	+0.398 958		−113	−3

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Juni 12	+0.161 873	−16 724	− 48	−2	+0.919 837	+2 446	−260	−2	+0.398 958	+1 061	−113	−3
13	0.145 149	16 766	42	+2	0.922 283	2 186	260	−2	0.400 019	948	113	−3
14	0.128 383	16 804	38	−2	0.924 469	1 924	262	−4	0.400 967	834	114	−3
15	0.111 579	16 838	34	−5	0.926 393	1 662	262	+1	0.401 801	721	113	+1
16	0.094 741	16 866	28	+1	0.928 055	1 400	262	+4	0.402 522	606	115	−3
17	0.077 875	16 888	22	+5	0.929 455	1 136	264	−2	0.403 128	492	114	+1
18	+0.060 987	−16 906	− 18	0	+0.930 591	+ 872	−264	−2	+0.403 620	+ 378	−114	+1
19	0.044 081	16 919	13	−2	0.931 463	608	264	0	0.403 998	263	115	−3
20	0.027 162	16 926	7	−1	0.932 071	343	265	−1	0.404 261	148	115	−3
21	+0.010 236	16 929	− 3	−4	0.932 414	+ 80	263	+4	0.404 409	+ 34	114	0
22	−0.006 693	16 925	+ 4	+1	0.932 494	− 185	265	−3	0.404 443	− 81	115	−2
23	0.023 618	16 918	7	−5	0.932 309	448	263	+1	0.404 362	195	114	+1
24	−0.040 536	−16 905	+ 13	−3	+0.931 861	− 712	−264	−3	+0.404 167	− 309	−114	+2
25	0.057 441	16 888	17	−2	0.931 149	974	262	+1	0.403 858	423	114	+3
26	0.074 329	16 865	23	+4	0.930 175	1 236	262	−1	0.403 435	536	113	+5
27	0.091 194	16 837	28	+4	0.928 939	1 498	262	−4	0.402 899	649	113	+2
28	0.108 031	16 806	31	−4	0.927 441	1 759	261	−2	0.402 250	763	114	−3
29	0.124 837	16 770	36	−3	0.925 682	2 018	259	+3	0.401 487	875	112	+2
30	−0.141 607	−16 729	+ 41	+1	+0.923 664	−2 278	−260	−1	+0.400 612	− 987	−112	0
Juli 1	0.158 336	16 683	46	+5	0.921 386	2 536	258	+1	0.399 625	1 100	113	−4
2	0.175 019	16 633	50	+4	0.918 850	2 793	257	−1	0.398 525	1 211	111	+4
3	0.191 652	16 579	54	+1	0.916 057	3 050	257	−5	0.397 314	1 322	111	+5
4	0.208 231	16 520	59	+1	0.913 007	3 306	256	−4	0.395 992	1 433	111	+4
5	0.224 751	16 458	62	−4	0.909 701	3 560	254	+1	0.394 559	1 543	110	+5
6	−0.241 209	−16 391	+ 67	−2	+0.906 141	−3 814	−254	0	+0.393 016	−1 654	−111	+1
7	0.257 600	16 319	72	+2	0.902 327	4 067	253	+1	0.391 362	1 763	109	+5
8	0.273 919	16 244	75	0	0.898 260	4 318	251	+5	0.389 599	1 873	110	+1
9	0.290 163	16 163	81	+3	0.893 942	4 570	252	−1	0.387 726	1 981	108	+4
10	0.306 326	16 079	84	−3	0.889 372	4 820	250	0	0.385 745	2 091	110	−4
11	0.322 405	15 990	89	−3	0.884 552	5 069	249	0	0.383 654	2 199	108	0
12	−0.338 395	−15 897	+ 93	−3	+0.879 483	−5 318	−249	−3	+0.381 455	−2 307	−108	+1
13	0.354 292	15 798	99	+4	0.874 165	5 565	247	+1	0.379 148	2 414	107	+4
14	0.370 090	15 694	104	+5	0.868 600	5 810	245	+3	0.376 734	2 521	107	+3
15	0.385 784	15 587	107	−2	0.862 790	6 056	246	−4	0.374 213	2 627	106	+4
16	0.401 371	15 474	113	+1	0.856 734	6 298	242	+4	0.371 586	2 732	105	+4
17	0.416 845	15 356	118	+1	0.850 436	6 539	241	+3	0.368 854	2 837	105	+1
18	−0.432 201	−15 234	+122	−3	+0.843 897	−6 779	−240	0	+0.366 017	−2 941	−104	+1
19	0.447 435	15 108	126	−4	0.837 118	7 016	237	+3	0.363 076	3 043	102	+3
20	0.462 543	14 975	133	+4	0.830 102	7 251	235	+3	0.360 033	3 146	103	−3
21	0.477 518	14 840	135	−1	0.822 851	7 484	233	0	0.356 887	3 246	100	+2
22	0.492 358	−14 699	141	+4	0.815 367	−7 715	231	−3	0.353 641	−3 346	100	−2
23	−0.507 057		+145	+2	+0.807 652		−228	0	+0.350 295		− 99	−5

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Juli 23	−0.507 057	−14 554	+145	+2	+0.807 652	− 7 943	−228	0	+0.350 295	−3 445	−99	−5
24	0.521 611	14 406	148	−4	0.799 709	8 168	225	+2	0.346 850	3 543	98	−5
25	0.536 017	14 253	153	−2	0.791 541	8 392	224	−4	0.343 307	3 640	97	−4
26	0.550 270	14 097	156	−2	0.783 149	8 613	221	−2	0.339 667	3 735	95	+1
27	0.564 367	13 935	162	+4	0.774 536	8 830	217	+4	0.335 932	3 830	95	0
28	0.578 302	13 772	163	−4	0.765 706	9 046	216	−1	0.332 102	3 922	92	+5
29	−0.592 074	−13 603	+169	+3	+0.756 660	− 9 258	−212	0	+0.328 180	−4 015	−93	−3
30	0.605 677	13 431	172	+2	0.747 402	9 469	211	−5	0.324 165	4 106	91	−3
31	0.619 108	13 256	175	−3	0.737 933	9 676	207	−1	0.320 059	4 196	90	−3
Aug. 1	0.632 364	13 078	178	−5	0.728 257	9 880	204	0	0.315 863	4 285	89	−3
2	0.645 442	12 896	182	−1	0.718 377	10 083	203	−5	0.311 578	4 372	87	−1
3	0.658 338	12 710	186	+4	0.708 294	10 282	199	−1	0.307 206	4 459	87	−5
4	−0.671 048	−12 521	+189	+3	+0.698 012	−10 479	−197	−1	+0.302 747	−4 545	−86	−5
5	0.683 569	12 329	192	0	0.687 533	10 673	194	+2	0.298 202	4 629	84	0
6	0.695 898	12 134	195	−1	0.676 860	10 864	191	+4	0.293 573	4 712	83	+1
7	0.708 032	11 934	200	+3	0.665 996	11 054	190	−2	0.288 861	4 795	83	−1
8	0.719 966	11 732	202	−1	0.654 942	11 240	186	0	0.284 066	4 875	80	+5
9	0.731 698	11 525	207	+2	0.643 702	11 424	184	−2	0.279 191	4 955	80	+1
10	−0.743 223	−11 315	+210	−1	+0.632 278	−11 605	−181	−2	+0.274 236	−5 034	−79	−1
11	0.754 538	11 102	213	−3	0.620 673	11 782	177	+1	0.269 202	5 111	77	+1
12	0.765 640	10 884	218	+2	0.608 891	11 957	175	−3	0.264 091	5 187	76	0
13	0.776 524	10 663	221	+1	0.596 934	12 129	172	−5	0.258 904	5 261	74	+1
14	0.787 187	10 439	224	−1	0.584 805	12 297	168	−2	0.253 643	5 334	73	−1
15	0.797 626	10 211	228	+3	0.572 508	12 461	164	+1	0.248 309	5 405	71	−1
16	−0.807 837	− 9 979	+232	+5	+0.560 047	−12 622	−161	0	+0.242 904	−5 475	−70	−4
17	0.817 816	9 745	234	+1	0.547 425	12 779	157	+1	0.237 429	5 543	68	−3
18	0.827 561	9 507	238	+3	0.534 646	12 932	153	0	0.231 886	5 609	66	−2
19	0.837 068	9 267	240	−1	0.521 714	13 082	150	−2	0.226 277	5 674	65	−4
20	0.846 335	9 023	244	+1	0.508 632	13 227	145	+3	0.220 603	5 737	63	−2
21	0.855 358	8 778	245	−3	0.495 405	13 368	141	+4	0.214 866	5 798	61	0
22	−0.864 136	− 8 529	+249	+1	+0.482 037	−13 506	−138	0	+0.209 068	−5 858	−60	−1
23	0.872 665	8 278	251	+1	0.468 531	13 639	133	+3	0.203 210	5 915	57	+4
24	0.880 943	8 025	253	+1	0.454 892	13 768	129	+3	0.197 295	5 971	56	+4
25	0.888 968	7 769	256	+5	0.441 124	13 894	126	0	0.191 324	6 025	54	+4
26	0.896 737	7 511	258	+4	0.427 230	14 015	121	+2	0.185 299	6 078	53	−1
27	0.904 248	7 252	259	0	0.413 215	14 132	117	+1	0.179 221	6 129	51	−1
28	−0.911 500	− 6 990	+262	+4	+0.399 083	−14 245	−113	0	+0.173 092	−6 178	−49	+2
29	0.918 490	6 726	264	+5	0.384 838	14 354	109	−1	0.166 914	6 225	47	+4
30	0.925 216	6 461	265	−1	0.370 484	14 460	106	−4	0.160 689	6 271	46	+1
31	0.931 677	6 195	266	−5	0.356 024	14 561	101	0	0.154 418	6 315	44	+2
Sept. 1	0.937 872	− 5 926	269	0	0.341 463	−14 658	97	0	0.148 103	−6 357	42	+2
2	−0.943 798		+270	0	+0.326 805		− 94	−4	+0.141 746		−42	−4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Sept. 2	−0.943 798	−5 656	+270	0	+0.326 805	−14 752	−94	−4	+0.141 746	−6 399	−42	−4
3	0.949 454	5 383	273	+5	0.312 053	14 843	91	−5	0.135 347	6 437	38	+3
4	0.954 837	5 110	273	0	0.297 210	14 928	85	+3	0.128 910	6 475	38	−2
5	0.959 947	4 834	276	+2	0.282 282	15 011	83	−1	0.122 435	6 511	36	−2
6	0.964 781	4 556	278	0	0.267 271	15 089	78	+2	0.115 924	6 545	34	0
7	0.969 337	4 277	279	−4	0.252 182	15 163	74	+2	0.109 379	6 577	32	0
8	−0.973 614	−3 996	+281	−3	+0.237 019	−15 234	−71	−1	+0.102 802	−6 608	−31	−4
9	0.977 610	3 712	284	+1	0.221 785	15 299	65	+4	0.096 194	6 636	28	−2
10	0.981 322	3 428	284	−3	0.206 486	15 361	62	+1	0.089 558	6 663	27	−5
11	0.984 750	3 141	287	+1	0.191 125	15 417	56	+4	0.082 895	6 688	25	−5
12	0.987 891	2 853	288	−1	0.175 708	15 470	53	−1	0.076 207	6 710	22	−1
13	0.990 744	2 565	288	−4	0.160 238	15 517	47	+1	0.069 497	6 731	21	−2
14	−0.993 309	−2 274	+291	+3	+0.144 721	−15 560	−43	−2	+0.062 766	−6 749	−18	+1
15	0.995 583	1 982	292	+3	0.129 161	15 598	38	−3	0.056 017	6 765	16	+1
16	0.997 565	1 691	291	−4	0.113 563	15 632	34	−4	0.049 252	6 780	15	−2
17	0.999 256	1 398	293	0	0.097 931	15 660	28	+1	0.042 472	6 792	12	+1
18	1.000 654	1 104	294	+2	0.082 271	15 683	23	+2	0.035 680	6 802	10	+2
19	1.001 758	811	293	−2	0.066 588	15 702	19	−1	0.028 878	6 810	8	+2
20	−1.002 569	− 516	+295	+2	+0.050 886	−15 716	−14	−2	+0.022 068	−6 816	− 6	+3
21	1.003 085	− 222	294	−2	0.035 170	15 726	10	−4	0.015 252	6 820	4	+4
22	1.003 307	+ 72	294	−4	0.019 444	15 730	− 4	+2	0.008 432	6 821	1	+5
23	1.003 235	366	294	−3	+0.003 714	15 729	+ 1	+5	+0.001 611	6 822	− 1	−3
24	1.002 869	661	295	+1	−0.012 015	15 725	4	0	−0.005 211	6 819	+ 3	+1
25	1.002 208	954	293	−4	0.027 740	15 715	10	+4	0.012 030	6 816	3	−4
26	−1.001 254	+1 248	+294	0	−0.043 455	−15 701	+14	+4	−0.018 846	−6 809	+ 7	+2
27	1.000 006	1 540	292	−3	0.059 156	15 682	19	+5	0.025 655	6 801	8	−1
28	0.998 466	1 833	293	+3	0.074 838	15 659	23	+2	0.032 456	6 792	9	−4
29	0.996 633	2 125	292	+4	0.090 497	15 632	27	0	0.039 248	6 780	12	+2
30	0.994 508	2 417	292	+4	0.106 129	15 600	32	+1	0.046 028	6 766	14	+4
Okt. 1	0.992 091	2 707	290	−3	0.121 729	15 565	35	−3	0.052 794	6 751	15	+1
2	−0.989 384	+2 998	+291	−1	−0.137 294	−15 525	+40	+1	−0.059 545	−6 734	+17	+1
3	0.986 386	3 288	290	−3	0.152 819	15 480	45	+4	0.066 279	6 715	19	+2
4	0.983 098	3 577	289	−3	0.168 299	15 432	48	−2	0.072 994	6 694	21	+4
5	0.979 521	3 867	290	+3	0.183 731	15 380	52	−4	0.079 688	6 671	23	+5
6	0.975 654	4 156	289	+3	0.199 111	15 322	58	+3	0.086 359	6 646	25	+5
7	0.971 498	4 444	288	+2	0.214 433	15 259	63	+5	0.093 005	6 619	27	+3
8	−0.967 054	+4 732	+288	+5	−0.229 692	−15 193	+66	−2	−0.099 624	−6 590	+29	+1
9	0.962 322	5 019	287	+4	0.244 885	15 122	71	−3	0.106 214	6 559	31	−1
10	0.957 303	5 305	286	+1	0.260 007	15 045	77	0	0.112 773	6 526	33	−3
11	0.951 998	5 589	284	−4	0.275 052	14 965	80	−4	0.119 299	6 491	35	−2
12	0.946 409	+5 872	283	−2	0.290 017	−14 878	87	+3	0.125 790	−6 453	38	+2
13	−0.940 537		+283	+3	−0.304 895		+90	−1	−0.132 243		+39	0

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Okt. 13	−0.940 537	+ 6 155	+283	+3	−0.304 895	−14 788	+ 90	−1	−0.132 243	−6 414	+ 39	0
14	0.934 382	6 434	279	−3	0.319 683	14 692	96	+2	0.138 657	6 372	42	+3
15	0.927 948	6 713	279	+3	0.334 375	14 592	100	−1	0.145 029	6 329	43	0
16	0.921 235	6 990	277	+5	0.348 967	14 487	105	−2	0.151 358	6 283	46	+3
17	0.914 245	7 265	275	+3	0.363 454	14 378	109	−4	0.157 641	6 235	48	+3
18	0.906 980	7 537	272	−3	0.377 832	14 263	115	−1	0.163 876	6 186	49	0
19	−0.899 443	+ 7 807	+270	−5	−0.392 095	−14 145	+118	−5	−0.170 062	−6 134	+ 52	+2
20	0.891 636	8 074	267	−5	0.406 240	14 022	123	−3	0.176 196	6 081	53	0
21	0.883 562	8 340	266	+2	0.420 262	13 894	128	0	0.182 277	6 026	55	+1
22	0.875 222	8 603	263	+2	0.434 156	13 762	132	0	0.188 303	5 968	58	+5
23	0.866 619	8 862	259	−1	0.447 918	13 626	136	−1	0.194 271	5 909	59	+1
24	0.857 757	9 120	258	+5	0.461 544	13 486	140	−3	0.200 180	5 849	60	−3
25	−0.848 637	+ 9 374	+254	+3	−0.475 030	−13 342	+144	−4	−0.206 029	−5 787	+ 62	0
26	0.839 263	9 626	252	+3	0.488 372	13 194	148	−3	0.211 816	5 722	65	+5
27	0.829 637	9 874	248	−3	0.501 566	13 042	152	−2	0.217 538	5 657	65	+1
28	0.819 763	10 119	245	−4	0.514 608	12 887	155	−4	0.223 195	5 589	68	+4
29	0.809 644	10 363	244	+3	0.527 495	12 728	159	−3	0.228 784	5 521	68	−1
30	0.799 281	10 603	240	−2	0.540 223	12 565	163	−1	0.234 305	5 450	71	+2
31	−0.788 678	+10 840	+237	−5	−0.552 788	−12 400	+165	−5	−0.239 755	−5 379	+ 71	−2
Nov. 1	0.777 838	11 074	234	−4	0.565 188	12 229	171	+2	0.245 134	5 305	74	+3
2	0.766 764	11 307	233	+4	0.577 417	12 057	172	−4	0.250 439	5 229	76	+3
3	0.755 457	11 536	229	+2	0.589 474	11 879	178	+4	0.255 668	5 153	76	−4
4	0.743 921	11 763	227	+3	0.601 353	11 698	181	+4	0.260 821	5 075	78	−4
5	0.732 158	11 985	222	−4	0.613 051	11 513	185	+4	0.265 896	4 994	81	+2
6	−0.720 173	+12 206	+221	+1	−0.624 564	−11 324	+189	+3	−0.270 890	−4 912	+ 82	+1
7	0.707 967	12 422	216	−3	0.635 888	11 132	192	−1	0.275 802	4 828	84	0
8	0.695 545	12 636	214	+1	0.647 020	10 935	197	0	0.280 630	4 743	85	−4
9	0.682 909	12 845	209	−3	0.657 955	10 736	199	−4	0.285 373	4 657	86	−4
10	0.670 064	13 051	206	−1	0.668 691	10 531	205	+3	0.290 030	4 567	90	+4
11	0.657 013	13 253	202	−2	0.679 222	10 324	207	0	0.294 597	4 478	89	−2
12	−0.643 760	+13 450	+197	−3	−0.689 546	−10 113	+211	+2	−0.299 075	−4 385	+ 93	+4
13	0.630 310	13 645	195	+4	0.699 659	9 898	215	+4	0.303 460	4 293	92	−4
14	0.616 665	13 834	189	−2	0.709 557	9 680	218	+1	0.307 753	4 198	95	0
15	0.602 831	14 019	185	−3	0.719 237	9 459	221	−3	0.311 951	4 102	96	0
16	0.588 812	14 199	180	−2	0.728 696	9 235	224	−4	0.316 053	4 005	97	0
17	0.574 613	14 376	177	+5	0.737 931	9 007	228	0	0.320 058	3 906	99	+3
18	−0.560 237	+14 548	+172	+4	−0.746 938	− 8 777	+230	−3	−0.323 964	−3 806	+100	+4
19	0.545 689	14 714	166	−2	0.755 715	8 544	233	−2	0.327 770	3 705	101	+3
20	0.530 975	14 877	163	+2	0.764 259	8 308	236	+1	0.331 475	3 603	102	+2
21	0.516 098	15 033	156	−4	0.772 567	8 069	239	+3	0.335 078	3 499	104	+3
22	0.501 065	+15 186	153	+2	0.780 636	− 7 829	240	−1	0.338 577	−3 395	104	−2
23	−0.485 879		+148	+4	−0.788 465		+243	+2	−0.341 972		+104	−4

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1936.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Nov. 23	−0.485 879	+15 334	+148	+4	−0.788 465	−7 586	+243	+2	−0.341 972	−3 291	+104	−4
24	0.470 545	15 477	143	+4	0.796 051	7 340	246	+4	0.345 263	3 184	107	+4
25	0.455 068	15 616	139	+4	0.803 391	7 094	246	−2	0.348 447	3 077	107	+4
26	0.439 452	15 749	133	−3	0.810 485	6 845	249	+1	0.351 524	2 969	108	+4
27	0.423 703	15 878	129	−2	0.817 330	6 594	251	+3	0.354 493	2 860	109	+2
28	0.407 825	16 003	125	+1	0.823 924	6 341	253	+5	0.357 353	2 751	109	−3
29	−0.391 822	+16 123	+120	0	−0.830 265	−6 086	+255	+5	−0.360 104	−2 641	+110	−4
30	0.375 699	16 239	116	+2	0.836 351	5 830	256	−1	0.362 745	2 529	112	0
Dez. 1	0.359 460	16 351	112	+2	0.842 181	5 572	258	−2	0.365 274	2 417	112	−3
2	0.343 109	16 457	106	−4	0.847 753	5 311	261	+2	0.367 691	2 305	112	−5
3	0.326 652	16 559	102	−3	0.853 064	5 049	262	−1	0.369 996	2 190	115	+3
4	0.310 093	16 656	97	−3	0.858 113	4 784	265	+1	0.372 186	2 075	115	0
5	−0.293 437	+16 749	+ 93	0	−0.862 897	−4 518	+266	−2	−0.374 261	−1 960	+115	−5
6	0.276 688	16 835	86	−5	0.867 415	4 250	268	−4	0.376 221	1 844	116	−3
7	0.259 853	16 918	83	0	0.871 665	3 981	269	−4	0.378 065	1 726	118	+4
8	0.242 935	16 994	76	−4	0.875 646	3 708	273	+4	0.379 791	1 608	118	+2
9	0.225 941	17 066	72	−1	0.879 354	3 436	272	−5	0.381 399	1 490	118	−3
10	0.208 875	17 131	65	−5	0.882 790	3 162	274	−4	0.382 889	1 371	119	−2
11	−0.191 744	+17 192	+ 61	0	−0.885 952	−2 886	+276	+1	−0.384 260	−1 251	+120	0
12	0.174 552	17 247	55	0	0.888 838	2 609	277	+1	0.385 511	1 131	120	−1
13	0.157 305	17 296	49	0	0.891 447	2 331	278	0	0.386 642	1 010	121	−1
14	0.140 009	17 340	44	+4	0.893 778	2 053	278	−2	0.387 652	890	120	−5
15	0.122 669	17 378	38	+5	0.895 831	1 773	280	+3	0.388 542	768	122	0
16	0.105 291	17 410	32	+4	0.897 604	1 492	281	+4	0.389 310	647	121	−4
17	−0.087 881	+17 437	+ 27	+5	−0.899 096	−1 213	+279	−4	−0.389 957	− 525	+122	−3
18	0.070 444	17 458	21	+2	0.900 309	931	282	+3	0.390 482	404	121	−5
19	0.052 986	17 472	14	−3	0.901 240	650	281	0	0.390 886	282	122	−1
20	0.035 514	17 482	10	+3	0.901 890	370	280	−3	0.391 168	160	122	0
21	0.018 032	17 486	+ 4	+3	0.902 260	− 89	281	+3	0.391 328	− 39	121	−1
22	−0.000 546	17 485	− 1	+3	0.902 349	+ 192	281	+5	0.391 367	+ 83	122	+4
23	+0.016 939	+17 477	− 8	−4	−0.902 157	+ 472	+280	+3	−0.391 284	+ 205	+122	+3
24	0.034 416	17 465	12	0	0.901 685	752	280	+2	0.391 079	325	120	−4
25	0.051 881	17 448	17	+3	0.900 933	1 030	278	−3	0.390 754	446	121	−1
26	0.069 329	17 426	22	+3	0.899 903	1 309	279	+4	0.390 308	567	121	+2
27	0.086 755	17 398	28	−1	0.898 594	1 588	279	+5	0.389 741	688	121	+3
28	0.104 153	17 366	32	+1	0.897 006	1 865	277	−3	0.389 053	808	120	0
29	+0.121 519	+17 329	− 37	0	−0.895 141	+2 141	+276	−5	−0.388 245	+ 928	+120	0
30	0.138 848	17 286	43	−2	0.893 000	2 419	278	+3	0.387 317	1 049	121	+3
31	0.156 134	+17 239	47	+1	0.890 581	+2 694	275	−3	0.386 268	+1 168	119	−3
32	+0.173 373		− 53	+1	−0.887 887		+276	+3	−0.385 100		+120	0

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

Frühlingsäquinoktium	20. März	$18^h\ 58^m$	Herbstäquinoktium	23. Sept.	$5^h\ 26^m$
Sommersolstitium	21. Juni	14 22	Wintersolstitium	22. Dez.	0 27

Erdnähe 4. Jan. 10^h
Erdferne 3. Juli 20

Tag		0h Welt-Zeit			
		Aberration	Parallaxe	Mittlere Länge $L_{\odot}$	Mittlere Anomalie $M_{\odot}$
1936		"	"	°	°
Jan.	−3	20.82	8.95	275.5380	353.71
	+7	20.82	8.95	285.3945	3.56
	17	20.81	8.95	295.2510	13.41
	27	20.79	8.94	305.1075	23.27
Febr.	6	20.76	8.92	314.9640	33.12
	16	20.72	8.91	324.8205	42.98
	26	20.67	8.89	334.6770	52.83
März	7	20.62	8.87	344.5334	62.69
	17	20.57	8.84	354.3899	72.55
	27	20.51	8.82	4.2464	82.40
April	6	20.45	8.79	14.1029	92.26
	16	20.39	8.77	23.9593	102.11
	26	20.34	8.74	33.8158	111.97
Mai	6	20.29	8.72	43.6723	121.83
	16	20.24	8.70	53.5287	131.68
	26	20.20	8.68	63.3852	141.54
Juni	5	20.17	8.67	73.2417	151.39
	15	20.15	8.66	83.0982	161.25
	25	20.14	8.66	92.9546	171.11
Juli	5	20.13	8.66	102.8111	180.96
	15	20.14	8.66	112.6676	190.82
	25	20.15	8.66	122.5241	200.67
Aug.	4	20.18	8.67	132.3805	210.53
	14	20.21	8.69	142.2370	220.39
	24	20.25	8.71	152.0935	230.24
Sept.	3	20.30	8.73	161.9500	240.10
	13	20.35	8.75	171.8064	249.95
	23	20.40	8.77	181.6629	259.81
Okt.	3	20.46	8.80	191.5194	269.67
	13	20.52	8.82	201.3758	279.52
	23	20.58	8.85	211.2323	289.38
Nov.	2	20.64	8.87	221.0888	299.23
	12	20.68	8.89	230.9453	309.09
	22	20.73	8.91	240.8017	318.95
Dez.	2	20.77	8.93	250.6582	328.80
	12	20.79	8.94	260.5147	338.66
	22	20.81	8.95	270.3712	348.51
	32	20.82	8.95	280.2276	358.37

Tag	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
	0h Welt-Zeit									
1936	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Jan. 0	23 4 1	51 31	− 0 49.9	5 59.4	59 21.1	4.9	16 11.8	1.3	346.798	+4.755
1	23 55 32	52 13	+ 5 9.5	5 42.2	59 16.2	9.5	16 10.5	2.6	1.034	+5.176
2	0 47 45	53 48	+10 51.7	5 6.3	59 6.7	13.4	16 7.9	3.7	15.216	+5.281
3	1 41 33	55 55	+15 58.0	4 12.3	58 53.3	16.9	16 4.2	4.6	29.309	+5.068
4	2 37 28	58 1	+20 10.3	3 1.8	58 36.4	20.4	15 59.6	5.6	43.281	+4.557
5	3 35 29	59 25	+23 12.1	1 38.6	58 16.0	24.1	15 54.0	6.5	57.104	+3.786
6	4 34 54	59 29	+24 50.7	0 9.7	57 51.9	27.5	15 47.5	7.5	70.751	+2.808
7	5 34 23	58 3	+25 0.4	1 16.4	57 24.4	30.4	15 40.0	8.3	84.197	+1.688
8	6 32 26	55 24	+23 44.0	2 31.9	56 54.0	32.3	15 31.7	8.7	97.419	+0.494
9	7 27 50	52 9	+21 12.1	3 32.0	56 21.7	32.6	15 23.0	9.0	110.404	−0.703
10	8 19 59	48 58	+17 40.1	4 15.7	55 49.1	31.0	15 14.0	8.4	123.145	−1.843
11	9 8 57	46 15	+13 24.4	4 43.8	55 18.1	27.2	15 5.6	7.4	135.647	−2.872
12	9 55 12	44 20	+ 8 40.6	4 58.9	54 50.9	21.5	14 58.2	5.9	147.930	−3.749
13	10 39 32	43 15	+ 3 41.7	5 3.1	54 29.4	13.8	14 52.3	3.8	160.028	−4.443
14	11 22 47	43 6	− 1 21.4	4 57.8	54 15.6	4.9	14 48.5	1.3	171.988	−4.935
15	12 5 53	43 51	− 6 19.2	4 43.9	54 10.7	5.2	14 47.2	1.4	183.869	−5.211
16	12 49 44	45 29	−11 3.1	4 20.9	54 15.9	15.7	14 48.6	4.3	195.741	−5.266
17	13 35 13	47 55	−15 24.0	3 47.7	54 31.6	26.1	14 52.9	7.1	207.678	−5.094
18	14 23 8	50 55	−19 11.7	3 2.1	54 57.7	35.6	15 0.0	9.7	219.760	−4.697
19	15 14 3	54 9	−22 13.8	2 2.8	55 33.3	43.4	15 9.7	11.8	232.065	−4.080
20	16 8 12	57 2	−24 16.6	0 49.5	56 16.7	48.5	15 21.5	13.3	244.664	−3.253
21	17 5 14	58 57	−25 6.1	0 34.7	57 5.2	50.1	15 34.8	13.6	257.614	−2.241
22	18 4 11	59 30	−24 31.4	2 3.7	57 55.3	47.5	15 48.4	13.0	270.952	−1.079
23	19 3 41	58 44	−22 27.7	3 28.5	58 42.8	40.7	16 1.4	11.0	284.686	+0.178
24	20 2 25	57 6	−18 59.2	4 40.7	59 23.5	30.1	16 12.4	8.2	298.788	+1.454
25	20 59 31	55 16	−14 18.5	5 33.7	59 53.6	16.9	16 20.6	4.7	313.194	+2.665
26	21 54 47	53 49	− 8 44.8	6 4.3	60 10.5	3.1	16 25.3	0.8	327.809	+3.718
27	22 48 36	53 6	− 2 40.5	6 11.5	60 13.6	9.6	16 26.1	2.6	342.518	+4.531
28	23 41 42	53 14	+ 3 31.0	5 56.5	60 4.0	19.9	16 23.5	5.4	357.200	+5.046
29	0 34 56	54 12	+ 9 27.5	5 21.1	59 44.1	27.1	16 18.1	7.4	11.750	+5.231
30	1 29 8	55 43	+14 48.6	4 27.4	59 17.0	31.3	16 10.7	8.6	26.089	+5.085
31	2 24 51	57 19	+19 16.0	3 18.2	58 45.7	33.1	16 2.1	9.0	40.168	+4.635
Febr. 1	3 22 10	58 27	+22 34.2	1 57.7	58 12.6	33.2	15 53.1	9.0	53.969	+3.923
2	4 20 37	58 35	+24 31.9	0 31.9	57 39.4	32.2	15 44.1	8.8	67.494	+3.005
3	5 19 12	57 27	+25 3.8	0 52.4	57 7.2	30.9	15 35.3	8.4	80.763	+1.942
4	6 16 39	55 15	+24 11.4	2 8.6	56 36.3	29.4	15 26.9	8.0	93.797	+0.796
5	7 11 54	52 24	+22 2.8	3 11.9	56 6.9	27.7	15 18.9	7.6	106.619	−0.370
6	8 4 18	49 28	+18 50.9	4 0.4	55 39.2	25.8	15 11.3	7.0	119.251	−1.498
7	8 53 46	46 53	+14 50.5	4 34.0	55 13.4	23.2	15 4.3	6.3	131.709	−2.537
8	9 40 39	44 54	+10 16.5	4 54.3	54 50.2	19.7	14 58.0	5.4	144.007	−3.441
9	10 25 33	43 39	+ 5 22.2	5 2.5	54 30.5	15.1	14 52.6	4.1	156.160	−4.176
10	11 9 12		+ 0 19.7		54 15.4		14 48.5		168.188	−4.717

Tag	Obere Kulmination in Greenwich							0^h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Jan. 0	23 40 37	133	+ 3 26.6	+15.4	59.3	17 3.8	2.05	10 43	0.8	23 40	3.4
1	0 34 20	136	+ 9 27.3	+14.5	59.2	17 53.5	2.10	11 3	0.9	— —	—
2	1 29 36	141	+14 54.9	+12.7	58.9	18 44.7	2.18	11 25	1.0	1 1	3.4
3	2 27 8	147	+19 29.2	+10.0	58.7	19 38.1	2.28	11 50	1.2	2 23	3.4
4	3 27 4	152	+22 50.9	+ 6.7	58.3	20 33.9	2.38	12 22	1.5	3 42	3.2
5	4 28 44	155	+24 44.6	+ 2.8	57.9	21 31.5	2.42	13 3	1.9	4 58	3.0
6	5 30 40	154	+25 2.4	− 1.3	57.4	22 29.3	2.39	13 55	2.4	6 6	2.6
7	6 31 5	148	+23 46.8	− 5.0	56.9	23 25.7	2.30	14 57	2.8	7 2	2.1
8	— — —	—	— —	—	—	— —	—	16 7	3.0	7 45	1.6
9	7 28 33	139	+21 9.7	− 8.0	56.4	0 19.0	2.15	17 19	3.0	8 18	1.2
10	8 22 24	130	+17 28.7	−10.3	55.8	1 8.8	2.00	18 31	3.0	8 43	1.0
11	9 12 44	122	+13 2.6	−11.8	55.3	1 55.1	1.87	19 41	2.9	9 4	0.8
12	10 0 10	116	+ 8 8.2	−12.6	54.8	2 38.4	1.76	20 49	2.8	9 22	0.7
13	10 45 34	112	+ 2 59.6	−13.0	54.5	3 19.8	1.70	21 55	2.8	9 37	0.6
14	11 29 57	111	− 2 11.6	−12.9	54.2	4 0.1	1.68	23 1	2.8	9 53	0.7
15	12 14 20	112	− 7 15.8	−12.4	54.2	4 40.4	1.70	— —	—	10 9	0.7
16	12 59 44	116	−12 3.7	−11.5	54.3	5 21.8	1.76	0 7	2.8	10 26	0.8
17	13 47 7	122	−16 25.3	−10.2	54.6	6 5.1	1.87	1 15	2.9	10 46	1.0
18	14 37 21	130	−20 8.9	− 8.3	55.1	6 51.3	2.00	2 24	2.9	11 12	1.2
19	15 31 2	139	−23 0.2	− 5.8	55.8	7 40.9	2.15	3 32	2.8	11 44	1.6
20	16 28 16	147	−24 43.3	− 2.7	56.6	8 34.0	2.29	4 38	2.6	12 28	2.0
21	17 28 25	153	−25 2.9	+ 1.1	57.4	9 30.1	2.38	5 38	2.3	13 23	2.6
22	18 30 8	155	−23 48.4	+ 5.1	58.3	10 27.7	2.41	6 28	1.9	14 32	3.1
23	19 31 48	153	−20 58.5	+ 9.0	59.1	11 25.3	2.38	7 9	1.5	15 50	3.3
24	20 32 3	148	−16 42.6	+12.3	59.7	12 21.4	2.30	7 41	1.2	17 12	3.5
25	21 30 16	143	−11 19.3	+14.6	60.1	13 15.5	2.22	8 7	1.0	18 37	3.5
26	22 26 36	139	− 5 12.5	+15.8	60.2	14 7.8	2.15	8 29	0.9	20 1	3.5
27	23 21 46	137	+ 1 11.9	+16.0	60.1	14 58.9	2.13	8 49	0.8	21 24	3.5
28	0 16 44	138	+ 7 29.1	+15.2	59.9	15 49.8	2.13	9 9	0.9	22 47	3.5
29	1 12 29	141	+13 15.7	+13.5	59.4	16 41.4	2.19	9 30	1.0	— —	—
30	2 9 46	146	+18 10.6	+10.9	58.9	17 34.6	2.26	9 55	1.1	0 10	3.4
31	3 8 53	150	+21 55.5	+ 7.7	58.3	18 29.7	2.33	10 25	1.4	1 31	3.3
Febr. 1	4 9 27	152	+24 16.1	+ 4.0	57.8	19 26.1	2.37	11 2	1.8	2 48	3.1
2	5 10 24	152	+25 4.5	+ 0.1	57.2	20 23.0	2.36	11 50	2.2	3 58	2.7
3	6 10 19	147	+24 21.2	− 3.6	56.7	21 18.8	2.29	12 48	2.6	4 57	2.2
4	7 7 51	140	+22 14.8	− 6.8	56.2	22 12.2	2.17	13 53	2.8	5 43	1.7
5	8 2 16	132	+18 59.6	− 9.3	55.7	23 2.6	2.03	15 4	3.0	6 19	1.3
6	8 53 26	124	+14 52.4	−11.1	55.2	23 49.7	1.90	16 15	3.0	6 47	1.0
7	— — —	—	— —	—	—	— —	—	17 26	2.9	7 9	0.9
8	9 41 44	118	+10 9.7	−12.3	54.8	0 33.9	1.80	18 34	2.8	7 28	0.7
9	10 27 52	113	+ 5 6.4	−12.9	54.5	1 16.0	1.73	19 41	2.8	7 44	0.7
10	11 12 42	111	− 0 4.8	−13.0	54.2	1 56.8	1.69	20 47	2.8	8 0	0.6

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite
1936	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Febr. 10	11 9 12	43 11	+ 0 19.7	5 0.2	54 15.4	9.2	14 48.5	2.5	168.188	−4.717
11	11 52 23	43 34	− 4 40.5	4 48.6	54 6.2	2.0	14 46.0	0.6	180.120	−5.046
12	12 35 57	44 43	− 9 29.1	4 27.5	54 4.2	6.4	14 45.4	1.8	191.992	−5.155
13	13 20 40	46 36	−13 56.6	3 56.8	54 10.6	15.8	14 47.2	4.3	203.854	−5.044
14	14 7 16	49 4	−17 53.4	3 15.5	54 26.4	25.7	14 51.5	7.0	215.766	−4.715
15	14 56 20	51 54	−21 8.9	2 22.5	54 52.1	35.6	14 58.5	9.7	227.799	−4.175
16	15 48 14	54 40	−23 31.4	1 17.2	55 27.7	44.7	15 8.2	12.2	240.033	−3.438
17	16 42 54	56 56	−24 48.6	0 0.8	56 12.4	51.9	15 20.4	14.1	252.548	−2.522
18	17 39 50	58 13	−24 49.4	1 23.2	57 4.3	56.3	15 34.5	15.3	265.422	−1.455
19	18 38 3	58 24	−23 26.2	2 48.4	58 0.6	56.3	15 49.8	15.4	278.720	−0.277
20	19 36 27	57 41	−20 37.8	4 7.5	58 56.9	51.4	16 5.2	14.0	292.482	+0.956
21	20 34 8	56 32	−16 30.3	5 12.8	59 48.3	41.0	16 19.2	11.2	306.708	+2.167
22	21 30 40	55 27	−11 17.5	5 58.2	60 29.3	25.9	16 30.4	7.0	321.351	+3.270
23	22 26 7	54 52	− 5 19.3	6 19.7	60 55.2	8.0	16 37.4	2.2	336.309	+4.171
24	23 20 59	54 59	+ 1 0.4	6 15.3	61 3.2	10.1	16 39.6	2.7	351.433	+4.791
25	0 15 58	55 50	+ 7 15.7	5 46.0	60 53.1	26.0	16 36.9	7.1	6.553	+5.076
26	1 11 48	57 8	+13 1.7	4 54.1	60 27.1	37.8	16 29.8	10.3	21.505	+5.011
27	2 8 56	58 29	+17 55.8	3 43.7	59 49.3	44.9	16 19.5	12.3	36.156	+4.617
28	3 7 25	59 20	+21 39.5	2 20.9	59 4.4	47.6	16 7.2	12.9	50.427	+3.943
29	4 6 45	59 10	+24 0.4	0 53.0	58 16.8	46.6	15 54.3	12.7	64.286	+3.052
März 1	5 5 55	57 49	+24 53.4	0 32.8	57 30.2	43.4	15 41.6	11.8	77.748	+2.015
2	6 3 44	55 28	+24 20.6	1 49.9	56 46.8	38.6	15 29.8	10.6	90.850	+0.898
3	6 59 12	52 34	+22 30.7	2 54.5	56 8.2	33.5	15 19.2	9.1	103.649	−0.238
4	7 51 46	49 38	+19 36.2	3 45.1	55 34.7	28.1	15 10.1	7.7	116.202	−1.339
5	8 41 24	47 2	+15 51.1	4 21.6	55 6.6	23.2	15 2.4	6.3	128.561	−2.357
6	9 28 26	45 4	+11 29.5	4 45.5	54 43.4	18.4	14 56.1	5.0	140.770	−3.251
7	10 13 30	43 46	+ 6 44.0	4 57.6	54 25.0	13.8	14 51.1	3.7	152.864	−3.987
8	10 57 16	43 15	+ 1 46.4	4 59.3	54 11.2	9.0	14 47.4	2.5	164.870	−4.539
9	11 40 31	43 28	− 3 12.9	4 50.8	54 2.2	3.8	14 44.9	1.1	176.809	−4.886
10	12 23 59	44 25	− 8 3.7	4 32.5	53 58.4	1.9	14 43.8	0.6	188.701	−5.019
11	13 8 24	45 59	−12 36.2	4 4.3	54 0.3	8.6	14 44.4	2.4	200.571	−4.934
12	13 54 23	48 4	−16 40.5	3 25.6	54 8.9	16.0	14 46.8	4.3	212.449	−4.634
13	14 42 27	50 28	−20 6.1	2 36.0	54 24.9	24.2	14 51.1	6.6	224.378	−4.131
14	15 32 55	52 52	−22 42.1	1 35.8	54 49.1	32.9	14 57.7	8.9	236.412	−3.440
15	16 25 47	54 51	−24 17.9	0 25.8	55 22.0	41.6	15 6.6	11.4	248.616	−2.582
16	17 20 38	56 10	−24 43.7	0 51.2	56 3.6	49.3	15 18.0	13.4	261.065	−1.585
17	18 16 48	56 37	−23 52.5	2 11.0	56 52.9	55.2	15 31.4	15.0	273.840	−0.483
18	19 13 25	56 22	−21 41.5	3 28.2	57 48.1	57.9	15 46.4	15.8	287.016	+0.678
19	20 9 47	55 42	−18 13.3	4 37.1	58 46.0	56.2	16 2.2	15.3	300.654	+1.839
20	21 5 29	55 6	−13 36.2	5 32.1	59 42.2	48.8	16 17.5	13.3	314.785	+2.928
21	22 0 35	54 55	− 8 4.1	6 7.9	60 31.0	35.8	16 30.8	9.8	329.392	+3.862
22	22 55 30		− 1 56.2		61 6.8		16 40.6		344.398	+4.557

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° '	'	'	h m	m	h m	m	h m	m
Febr. 10	11 12 42	111	− 0 4.8	−13.0	54.2	1 56.8	1.69	20 47	2.8	8 0	0.6
11	11 57 7	111	− 5 12.8	−12.6	54.1	2 37.1	1.69	21 53	2.8	8 15	0.7
12	12 42 1	114	−10 7.3	−11.9	54.1	3 18.0	1.73	23 0	2.8	8 32	0.8
13	13 28 17	118	−14 38.5	−10.7	54.2	4 0.2	1.80	— —	—	8 51	0.9
14	14 16 45	124	−18 35.7	− 9.0	54.5	4 44.6	1.91	0 7	2.8	9 14	1.1
15	15 8 2	132	−21 46.9	− 6.8	55.0	5 31.8	2.04	1 15	2.8	9 43	1.4
16	16 2 29	140	−23 58.7	− 4.1	55.6	6 22.2	2.17	2 21	2.6	10 20	1.8
17	16 59 55	147	−24 57.3	− 0.7	56.5	7 15.5	2.28	3 22	2.4	11 8	2.3
18	17 59 35	151	−24 30.7	+ 3.1	57.4	8 11.1	2.35	4 16	2.1	12 9	2.8
19	19 0 18	152	−22 32.1	+ 6.9	58.4	9 7.7	2.37	5 1	1.7	13 21	3.2
20	20 0 46	150	−19 3.0	+10.5	59.3	10 4.1	2.33	5 37	1.4	14 41	3.4
21	21 0 10	147	−14 14.1	+13.5	60.1	10 59.4	2.28	6 6	1.1	16 5	3.5
22	21 58 14	144	− 8 24.3	+15.5	60.7	11 53.3	2.23	6 30	1.0	17 31	3.6
23	22 55 20	142	− 1 58.3	+16.5	61.0	12 46.4	2.20	6 52	0.9	18 57	3.6
24	23 52 12	143	+ 4 36.0	+16.2	61.0	13 39.1	2.21	7 13	0.9	20 23	3.6
25	0 49 40	145	+10 50.4	+14.8	60.7	14 32.5	2.25	7 34	1.0	21 49	3.5
26	1 48 26	149	+16 18.3	+12.4	60.1	15 27.2	2.31	7 59	1.1	23 13	3.4
27	2 48 45	153	+20 37.1	+ 9.1	59.3	16 23.4	2.38	8 28	1.3	— —	—
28	3 50 16	155	+23 30.1	+ 5.3	58.5	17 20.8	2.41	9 3	1.7	0 34	3.2
29	4 51 58	153	+24 48.8	+ 1.3	57.7	18 18.4	2.38	9 48	2.1	1 48	2.9
März 1	5 52 27	148	+24 33.6	− 2.5	56.9	19 14.8	2.31	10 43	2.5	2 51	2.4
2	6 50 29	141	+22 53.0	− 5.8	56.2	20 8.8	2.19	11 46	2.8	3 42	1.9
3	7 45 21	133	+20 1.1	− 8.4	55.6	20 59.5	2.05	12 55	2.9	4 20	1.4
4	8 36 56	125	+16 13.7	−10.4	55.1	21 47.1	1.92	14 5	2.9	4 51	1.1
5	9 25 37	119	+11 46.4	−11.8	54.7	22 31.7	1.81	15 15	2.9	5 14	0.9
6	10 12 5	114	+ 6 53.4	−12.6	54.4	23 14.1	1.74	16 23	2.8	5 34	0.8
7	10 57 7	112	+ 1 47.4	−12.9	54.2	23 55.1	1.70	17 30	2.8	5 51	0.7
8	— — —	—	— —	—	—	— —	—	18 36	2.8	6 7	0.6
9	11 41 35	111	− 3 20.2	−12.7	54.0	0 35.5	1.69	19 42	2.8	6 22	0.7
10	12 26 18	113	− 8 18.6	−12.1	54.0	1 16.1	1.72	20 48	2.8	6 39	0.8
11	13 12 6	116	−12 57.4	−11.1	54.0	1 57.9	1.78	21 55	2.8	6 58	0.8
12	13 59 39	122	−17 5.6	− 9.6	54.2	2 41.4	1.86	23 2	2.8	7 19	1.0
13	14 49 34	128	−20 31.8	− 7.5	54.5	3 27.2	1.97	— —	—	7 46	1.3
14	15 42 8	135	−23 3.8	− 5.0	54.9	4 15.7	2.08	0 8	2.7	8 19	1.6
15	16 37 19	141	−24 29.5	− 2.0	55.5	5 6.8	2.18	1 10	2.5	9 2	2.0
16	17 34 35	145	−24 38.3	+ 1.4	56.3	6 0.0	2.25	2 6	2.1	9 56	2.5
17	18 33 5	147	−23 23.0	+ 5.0	57.1	6 54.4	2.28	2 53	1.8	11 1	2.9
18	19 31 50	147	−20 41.9	+ 8.5	58.1	7 49.0	2.28	3 31	1.5	12 14	3.2
19	20 30 6	145	−16 40.0	+11.6	59.1	8 43.2	2.25	4 3	1.2	13 34	3.4
20	21 27 36	143	−11 28.8	+14.2	60.0	9 36.6	2.22	4 29	1.0	14 57	3.5
21	22 24 35	142	− 5 26.4	+15.9	60.8	10 29.5	2.21	4 52	0.9	16 22	3.6
22	23 21 39	143	+ 1 4.0	+16.5	61.3	11 22.5	2.23	5 13	0.9	17 48	3.6

Tag	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
	0h Welt-Zeit									
1936	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
März 22	22 55 30	55 24	−1 56.2	6 20.1	61 6.8	18.0	16 40.6	4.9	344.398	+4.557
23	23 50 54	56 35	+4 23.9	6 5.9	61 24.8	2.3	16 45.5	0.6	359.666	+4.941
24	0 47 29	58 17	+10 29.8	5 24.7	61 22.5	22.0	16 44.9	6.0	15.011	+4.972
25	1 45 46	60 3	+15 54.5	4 19.1	61 0.5	38.4	16 38.9	10.5	30.237	+4.650
26	2 45 49	61 15	+20 13.6	2 55.3	60 22.1	49.7	16 28.4	13.6	45.171	+4.014
27	3 47 4	61 16	+23 8.9	1 22.5	59 32.4	55.4	16 14.8	15.0	59.691	+3.131
28	4 48 20	59 50	+24 31.4	0 9.4	58 37.0	55.9	15 59.8	15.3	73.736	+2.082
29	5 48 10	57 10	+24 22.0	1 32.0	57 41.1	52.6	15 44.5	14.3	87.305	+0.946
30	6 45 20	53 51	+22 50.0	2 40.4	56 48.5	46.6	15 30.2	12.7	100.435	−0.205
31	7 39 11	50 29	+20 9.6	3 33.3	56 1.9	39.3	15 17.5	10.7	113.190	−1.314
April 1	8 29 40	47 33	+16 36.3	4 11.6	55 22.6	31.4	15 6.8	8.6	125.644	−2.332
2	9 17 13	45 18	+12 24.7	4 37.2	54 51.2	23.7	14 58.2	6.4	137.872	−3.223
3	10 2 31	43 51	+7 47.5	4 51.5	54 27.5	16.6	14 51.8	4.5	149.939	−3.954
4	10 46 22	43 12	+2 56.0	4 55.8	54 10.9	9.9	14 47.3	2.7	161.902	−4.504
5	11 29 34	43 20	−1 59.8	4 50.5	54 1.0	4.1	14 44.6	1.2	173.805	−4.853
6	12 12 54	44 12	−6 50.3	4 35.4	53 56.9	1.4	14 43.4	0.4	185.683	−4.991
7	12 57 6	45 43	−11 25.7	4 10.3	53 58.3	6.7	14 43.8	1.9	197.561	−4.911
8	13 42 49	47 41	−15 36.0	3 34.3	54 5.0	11.9	14 45.7	3.2	209.461	−4.617
9	14 30 30	49 56	−19 10.3	2 47.1	54 16.9	17.5	14 48.9	4.8	221.407	−4.118
10	15 20 26	52 8	−21 57.4	1 49.4	54 34.4	23.4	14 53.7	6.3	233.425	−3.432
11	16 12 34	53 53	−23 46.8	0 42.4	54 57.8	29.8	15 0.0	8.2	245.552	−2.584
12	17 6 27	54 58	−24 29.2	0 30.8	55 27.6	36.5	15 8.2	9.9	257.833	−1.603
13	18 1 25	55 14	−23 58.4	1 46.1	56 4.1	42.8	15 18.1	11.7	270.325	−0.526
14	18 56 39	54 49	−22 12.3	2 59.1	56 46.9	48.2	15 29.8	13.1	283.093	+0.601
15	19 51 28	54 5	−19 13.2	4 5.4	57 35.1	51.7	15 42.9	14.1	296.204	+1.728
16	20 45 33	53 27	−15 7.8	5 1.1	58 26.8	52.0	15 57.0	14.2	309.718	+2.793
17	21 39 0	53 17	−10 6.7	5 42.5	59 18.8	48.0	16 11.2	13.0	323.675	+3.728
18	22 32 17	53 50	−4 24.2	6 5.7	60 6.8	38.8	16 24.2	10.6	338.081	+4.458
19	23 26 7	55 14	+1 41.5	6 6.6	60 45.6	24.7	16 34.8	6.7	352.889	+4.914
20	0 21 21	57 23	+7 48.1	5 42.1	61 10.3	6.6	16 41.5	1.9	7.997	+5.041
21	1 18 44	59 53	+13 30.2	4 50.6	61 16.9	12.9	16 43.4	3.6	23.252	+4.813
22	2 18 37	62 3	+18 20.8	3 34.8	61 4.0	31.0	16 39.8	8.4	38.469	+4.245
23	3 20 40	63 6	+21 55.6	2 2.3	60 33.0	45.3	16 31.4	12.4	53.470	+3.390
24	4 23 46	62 25	+23 57.9	0 24.2	59 47.7	54.3	16 19.0	14.8	68.110	+2.327
25	5 26 11	59 59	+24 22.1	1 7.3	58 53.4	57.7	16 4.2	15.7	82.301	+1.146
26	6 26 10	56 28	+23 14.8	2 24.2	57 55.7	56.3	15 48.5	15.3	96.010	−0.065
27	7 22 38	52 35	+20 50.6	3 23.2	56 59.4	51.1	15 33.2	13.9	109.254	−1.233
28	8 15 13	49 4	+17 27.4	4 5.2	56 8.3	43.5	15 19.3	11.9	122.084	−2.304
29	9 4 17	46 15	+13 22.2	4 32.6	55 24.8	34.5	15 7.4	9.4	134.570	−3.235
30	9 50 32	44 21	+8 49.6	4 48.1	54 50.3	25.2	14 58.0	6.9	146.791	−3.997
Mai 1	10 34 53	43 21	+4 1.5	4 53.7	54 25.1	16.1	14 51.1	4.3	158.826	−4.569
2	11 18 14		−0 52.2		54 9.0		14 46.8		170.746	−4.935

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° '	'	'	h m	m	h m	m	h m	m
März 22	23 21 39	143	+ 1 4.0	+16.5	61.3	11 22.5	2.23	5 13	0.9	17 48	3.6
23	0 19 39	147	+ 7 34.6	+15.9	61.4	12 16.4	2.28	5 35	1.0	19 16	3.7
24	1 19 18	152	+13 35.2	+14.0	61.2	13 12.0	2.36	5 59	1.1	20 44	3.6
25	2 21 0	157	+18 36.7	+11.0	60.7	14 9.6	2.45	6 26	1.3	22 10	3.5
26	3 24 24	160	+22 14.8	+ 7.1	59.9	15 8.9	2.49	7 0	1.6	23 30	3.1
27	4 28 22	159	+24 14.8	+ 2.9	58.9	16 8.7	2.48	7 43	2.0	— —	—
28	5 31 15	154	+24 33.7	— 1.2	57.9	17 7.5	2.40	8 36	2.4	0 40	2.6
29	6 31 29	146	+23 19.7	— 4.8	57.0	18 3.7	2.27	9 38	2.7	1 36	2.1
30	7 28 6	137	+20 48.3	— 7.7	56.2	18 56.2	2.11	10 47	2.9	2 20	1.6
31	8 20 57	128	+17 17.2	— 9.8	55.5	19 45.0	1.97	11 57	2.9	2 53	1.2
April 1	9 10 27	120	+13 3.2	—11.3	54.9	20 30.4	1.84	13 7	2.9	3 19	1.0
2	9 57 22	115	+ 8 20.6	—12.2	54.5	21 13.3	1.75	14 15	2.8	3 40	0.8
3	10 42 35	112	+ 3 21.8	—12.6	54.2	21 54.4	1.70	15 22	2.8	3 58	0.7
4	11 27 1	111	— 1 42.3	—12.6	54.0	22 34.8	1.69	16 27	2.7	4 14	0.7
5	12 11 33	112	— 6 41.4	—12.2	53.9	23 15.3	1.70	17 33	2.8	4 30	0.7
6	12 57 0	115	—11 25.1	—11.3	54.0	23 56.7	1.76	18 39	2.8	4 46	0.7
7	— — —	—	— —	—	—	— —	—	19 46	2.8	5 4	0.8
8	13 44 6	120	—15 42.4	—10.0	54.1	0 39.7	1.84	20 52	2.8	5 25	1.0
9	14 33 23	126	—19 21.5	— 8.2	54.3	1 24.9	1.94	21 59	2.7	5 50	1.2
10	15 25 9	133	—22 10.1	— 5.8	54.6	2 12.6	2.05	23 2	2.5	6 21	1.5
11	16 19 19	138	—23 56.1	— 3.0	55.0	3 2.7	2.13	23 59	2.2	7 1	1.9
12	17 15 22	142	—24 29.3	+ 0.2	55.6	3 54.7	2.20	— —	—	7 51	2.3
13	18 12 28	143	—23 43.2	+ 3.6	56.2	4 47.7	2.22	0 48	1.9	8 51	2.7
14	19 9 41	143	—21 36.3	+ 6.9	57.0	5 40.8	2.21	1 28	1.5	9 59	3.0
15	20 6 19	141	—18 12.4	+10.0	57.8	6 33.3	2.18	2 1	1.3	11 14	3.2
16	21 2 8	139	—13 40.1	+12.6	58.7	7 25.1	2.15	2 28	1.1	12 33	3.3
17	21 57 21	138	— 8 12.5	+14.6	59.6	8 16.2	2.13	2 52	0.9	13 54	3.4
18	22 52 38	139	— 2 6.8	+15.7	60.4	9 7.4	2.15	3 13	0.9	15 17	3.5
19	23 48 54	143	+ 4 15.4	+15.9	61.0	9 59.6	2.22	3 35	0.9	16 42	3.6
20	0 47 6	149	+10 28.1	+14.9	61.3	10 53.7	2.31	3 57	1.0	18 8	3.6
21	1 47 58	156	+16 1.7	+12.6	61.2	11 50.5	2.43	4 23	1.2	19 36	3.6
22	2 51 35	162	+20 26.4	+ 9.2	60.8	12 50.0	2.53	4 54	1.5	21 1	3.4
23	3 57 5	165	+23 18.1	+ 5.0	60.1	13 51.4	2.57	5 34	1.9	22 18	3.0
24	5 2 40	162	+24 24.3	+ 0.6	59.2	14 52.8	2.53	6 24	2.3	23 23	2.4
25	6 6 13	155	+23 47.1	— 3.5	58.3	15 52.3	2.41	7 24	2.7	— —	—
26	7 6 6	145	+21 40.9	— 6.8	57.3	16 48.1	2.24	8 33	2.9	0 13	1.9
27	8 1 41	134	+18 25.8	— 9.3	56.4	17 39.6	2.06	9 44	3.0	0 52	1.4
28	8 53 13	124	+14 21.9	—11.0	55.6	18 27.0	1.91	10 56	2.9	1 21	1.1
29	9 41 27	117	+ 9 45.9	—12.0	54.9	19 11.2	1.79	12 5	2.9	1 44	0.9
30	10 27 23	113	+ 4 51.6	—12.5	54.5	19 53.1	1.72	13 13	2.8	2 3	0.8
Mai 1	11 12 3	111	— 0 10.1	—12.6	54.2	20 33.7	1.69	14 19	2.7	2 20	0.7
2	11 56 28	112	— 5 9.4	—12.3	54.0	21 14.1	1.69	15 24	2.7	2 36	0.7

Tag		Scheinbare Rektaszension	Diff.	Scheinbare Deklination	Diff.	Parallaxe	Diff.	Halbmesser	Diff.	Länge	Breite
1936		h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Mai	2	11 18 14	43 14	— 0 52.2	4 50.2	54 9.0	7.7	14 46.8	2.1	170.746	—4.935
	3	12 1 28	43 56	— 5 42.4	4 37.7	54 1.3	0.1	14 44.7	0.1	182.613	—5.088
	4	12 45 24	45 23	—10 20.1	4 15.5	54 1.2	6.4	14 44.6	1.8	194.477	—5.021
	5	13 30 47	47 22	—14 35.6	3 42.8	54 7.6	12.0	14 46.4	3.2	206.380	—4.737
	6	14 18 9	49 41	—18 18.4	2 58.6	54 19.6	16.8	14 49.6	4.6	218.351	—4.243
	7	15 7 50	52 0	—21 17.0	2 2.9	54 36.4	20.9	14 54.2	5.7	230.417	—3.555
	8	15 59 50	53 51	—23 19.9	0 57.2	54 57.3	24.7	14 59.9	6.7	242.598	—2.697
	9	16 53 41	54 57	—24 17.1	0 15.2	55 22.0	28.3	15 6.6	7.8	254.918	—1.701
	10	17 48 38	55 5	—24 1.9	1 29.9	55 50.3	32.0	15 14.4	8.7	267.404	—0.609
	11	18 43 43	54 26	—22 32.0	2 41.7	56 22.3	35.4	15 23.1	9.6	280.086	+0.533
	12	19 38 9	53 21	—19 50.3	3 46.2	56 57.7	38.5	15 32.7	10.5	293.005	+1.671
	13	20 31 30	52 17	—16 4.1	4 40.2	57 36.2	40.6	15 43.2	11.1	306.202	+2.745
	14	21 23 47	51 41	—11 23.9	5 21.1	58 16.8	40.9	15 54.3	11.1	319.715	+3.694
	15	22 15 28	51 50	— 6 2.8	5 47.1	58 57.7	38.4	16 5.4	10.5	333.571	+4.454
	16	23 7 18	52 53	— 0 15.7	5 55.1	59 36.1	32.6	16 15.9	8.8	347.776	+4.963
	17	0 0 11	54 55	+ 5 39.4	5 42.3	60 8.7	22.7	16 24.7	6.2	2.301	+5.169
	18	0 55 6	57 37	+11 21.7	5 5.7	60 31.4	9.4	16 30.9	2.6	17.077	+5.040
	19	1 52 43	60 31	+16 27.4	4 4.3	60 40.8	6.3	16 33.5	1.7	31.998	+4.571
	20	2 53 14	62 46	+20 31.7	2 41.3	60 34.5	22.1	16 31.8	6.0	46.925	+3.791
	21	3 56 0	63 30	+23 13.0	1 4.8	60 12.4	36.2	16 25.8	9.9	61.715	+2.762
	22	4 59 30	62 14	+24 17.8	0 32.7	59 36.2	46.6	16 15.9	12.7	76.237	+1.569
	23	6 1 44	59 14	+23 45.1	1 59.5	58 49.6	52.3	16 3.2	14.2	90.395	+0.305
	24	7 0 58	55 22	+21 45.6	3 8.5	57 57.3	53.2	15 49.0	14.6	104.135	—0.942
	25	7 56 20	51 25	+18 37.1	3 58.2	57 4.1	50.1	15 34.4	13.6	117.448	—2.101
	26	8 47 45	48 2	+14 38.9	4 30.3	56 14.0	43.8	15 20.8	11.9	130.358	—3.117
	27	9 35 47	45 32	+10 8.6	4 48.4	55 30.2	35.2	15 8.9	9.6	142.915	—3.954
	28	10 21 19	43 59	+ 5 20.2	4 55.0	54 55.0	25.7	14 59.3	7.0	155.189	—4.590
	29	11 5 18	43 25	+ 0 25.2	4 52.5	54 29.3	15.5	14 52.3	4.3	167.255	—5.011
	30	11 48 43	43 45	— 4 27.3	4 41.4	54 13.8	5.8	14 48.0	1.5	179.189	—5.209
	31	12 32 28	44 55	— 9 8.7	4 21.6	54 8.0	3.3	14 46.5	0.9	191.064	—5.184
Juni	1	13 17 23	46 48	—13 30.3	3 51.8	54 11.3	11.3	14 47.4	3.0	202.948	—4.937
	2	14 4 11	49 10	—17 22.1	3 11.3	54 22.6	17.9	14 50.4	4.9	214.897	—4.474
	3	14 53 21	51 41	—20 33.4	2 18.8	54 40.5	23.0	14 55.3	6.3	226.959	—3.809
	4	15 45 2	53 54	—22 52.2	1 15.2	55 3.5	26.6	15 1.6	7.2	239.170	—2.963
	5	16 38 56	55 22	—24 7.4	0 2.9	55 30.1	28.8	15 8.8	7.9	251.557	—1.965
	6	17 34 18	55 49	—24 10.3	1 13.4	55 58.9	30.0	15 16.7	8.2	264.140	—0.854
	7	18 30 7	55 15	—22 56.9	2 27.6	56 28.9	30.2	15 24.9	8.2	276.931	+0.318
	8	19 25 22	53 59	—20 29.3	3 34.5	56 59.1	30.0	15 33.1	8.2	289.938	+1.495
	9	20 19 21	52 33	—16 54.8	4 29.8	57 29.1	29.3	15 41.3	8.0	303.169	+2.612
	10	21 11 54	51 24	—12 25.0	5 11.1	57 58.4	28.2	15 49.3	7.6	316.627	+3.606
	11	22 3 18	50 56	— 7 13.9	5 37.0	58 26.6	26.4	15 56.9	7.2	330.315	+4.412
	12	22 54 14		— 1 36.9		58 53.0		16 4.1		344.229	+4.975

0ʰ Welt-Zeit

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Mai 2	11 56 28	112	− 5 9.4	−12.3	54.0	21 14.1	1.69	15 24	2.7	2 36	0.7
3	12 41 33	114	− 9 56.7	−11.6	54.0	21 55.1	1.74	16 30	2.8	2 53	0.7
4	13 28 8	119	−14 21.8	−10.4	54.1	22 37.6	1.82	17 36	2.8	3 10	0.8
5	14 16 53	125	−18 13.1	− 8.8	54.3	23 22.3	1.92	18 43	2.8	3 30	0.9
6	— — —	—	— —	—	—	— —	—	19 50	2.7	3 54	1.1
7	15 8 10	132	−21 18.0	− 6.6	54.6	0 9.5	2.03	20 54	2.6	4 24	1.4
8	16 2 1	138	−23 23.6	− 3.8	55.0	0 59.3	2.13	21 54	2.3	5 1	1.8
9	16 57 54	142	−24 18.6	− 0.7	55.4	1 51.1	2.19	22 45	2.0	5 48	2.2
10	17 54 55	143	−23 55.4	+ 2.6	55.9	2 44.0	2.22	23 28	1.6	6 45	2.6
11	18 51 59	142	−22 12.1	+ 5.9	56.5	3 37.0	2.20	— —	—	7 51	2.9
12	19 48 13	139	−19 12.6	+ 9.0	57.1	4 29.1	2.15	0 3	1.3	9 4	3.1
13	20 43 12	136	−15 6.1	+11.5	57.8	5 20.0	2.10	0 31	1.1	10 19	3.2
14	21 37 6	134	−10 4.8	+13.5	58.5	6 9.9	2.07	0 55	0.9	11 37	3.3
15	22 30 30	134	− 4 23.7	+14.8	59.2	6 59.2	2.07	1 16	0.9	12 56	3.3
16	23 24 21	136	+ 1 40.0	+15.4	59.8	7 49.0	2.10	1 37	0.9	14 17	3.4
17	0 19 45	141	+ 7 45.7	+15.0	60.3	8 40.3	2.19	1 58	0.9	15 40	3.5
18	1 17 43	149	+13 29.3	+13.5	60.6	9 34.1	2.32	2 21	1.1	17 5	3.5
19	2 18 54	157	+18 23.5	+10.8	60.7	10 31.2	2.45	2 49	1.3	18 30	3.5
20	3 23 10	164	+22 0.6	+ 7.1	60.4	11 31.4	2.56	3 24	1.7	19 51	3.2
21	4 29 15	166	+23 59.3	+ 2.7	59.9	12 33.4	2.59	4 9	2.1	21 3	2.7
22	5 35 0	162	+24 10.8	− 1.7	59.2	13 35.0	2.53	5 5	2.6	22 2	2.1
23	6 38 7	153	+22 41.9	− 5.6	58.3	14 34.0	2.39	6 12	2.9	22 46	1.6
24	7 37 9	142	+19 50.7	− 8.6	57.4	15 29.0	2.20	7 24	3.0	23 20	1.3
25	8 31 42	131	+15 59.3	−10.6	56.5	16 19.4	2.02	8 38	3.0	23 46	1.0
26	9 22 17	122	+11 28.7	−11.8	55.7	17 5.9	1.88	9 50	3.0	— —	—
27	10 9 47	116	+ 6 35.5	−12.5	55.1	17 49.4	1.77	11 0	2.9	0 7	0.8
28	10 55 20	113	+ 1 32.7	−12.7	54.6	18 30.9	1.71	12 7	2.8	0 25	0.7
29	11 40 1	112	− 3 29.4	−12.4	54.3	19 11.5	1.70	13 13	2.8	0 42	0.7
30	12 24 53	113	− 8 21.5	−11.8	54.1	19 52.3	1.73	14 19	2.7	0 58	0.7
31	13 10 52	117	−12 54.5	−10.8	54.2	20 34.2	1.79	15 24	2.8	1 15	0.8
Juni 1	13 58 49	123	−16 57.9	− 9.4	54.3	21 18.1	1.88	16 31	2.8	1 34	0.9
2	14 49 19	130	−20 19.8	− 7.4	54.6	22 4.6	2.00	17 38	2.8	1 57	1.1
3	15 42 36	137	−22 47.1	− 4.8	55.0	22 53.8	2.11	18 44	2.7	2 24	1.3
4	16 38 22	142	−24 7.0	− 1.8	55.5	23 45.4	2.20	19 46	2.4	2 59	1.7
5	— — —	—	— —	—	—	— —	—	20 41	2.1	3 44	2.1
6	17 35 48	145	−24 9.3	+ 1.6	56.0	0 38.8	2.24	21 27	1.8	4 38	2.5
7	18 33 42	144	−22 49.6	+ 5.0	56.5	1 32.6	2.24	22 5	1.4	5 43	2.8
8	19 30 53	141	−20 10.4	+ 8.2	57.0	2 25.7	2.19	22 35	1.1	6 54	3.0
9	20 26 38	137	−16 20.8	+10.9	57.6	3 17.4	2.13	23 0	1.0	8 9	3.2
10	21 20 48	134	−11 34.1	+12.9	58.1	4 7.4	2.06	23 22	0.9	9 26	3.2
11	22 13 48	132	− 6 6.2	+14.3	58.5	4 56.4	2.03	23 42	0.8	10 44	3.3
12	23 6 28	132	− 0 14.1	+14.9	59.0	5 45.0	2.04	— —	—	12 3	3.3

Tag	0ʰ Welt-Zeit									
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1936	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Juni 12	22 54 14	51 22	− 1 36.9	5 46.5	58 53.0	23.5	16 4.1	6.4	344.229	+4.975
13	23 45 36	52 45	+ 4 9.6	5 37.9	59 16.5	18.9	16 10.5	5.2	358.354	+5.249
14	0 38 21	55 3	+ 9 47.5	5 9.3	59 35.4	12.5	16 15.7	3.4	12.660	+5.204
15	1 33 24	57 51	+14 56.8	4 19.2	59 47.9	3.7	16 19.1	1.0	27.100	+4.833
16	2 31 15	60 35	+19 16.0	3 8.0	59 51.6	6.7	16 20.1	1.8	41.606	+4.153
17	3 31 50	62 21	+22 24.0	1 40.3	59 44.9	17.8	16 18.3	4.9	56.095	+3.208
18	4 34 11	62 25	+24 4.3	0 4.7	59 27.1	28.6	16 13.4	7.8	70.477	+2.066
19	5 36 36	60 38	+24 9.0	1 27.0	58 58.5	37.3	16 5.6	10.1	84.664	+0.810
20	6 37 14	57 25	+22 42.0	2 45.2	58 21.2	43.2	15 55.5	11.8	98.580	−0.471
21	7 34 39	53 39	+19 56.8	3 44.6	57 38.0	45.5	15 43.7	12.4	112.175	−1.697
22	8 28 18	50 3	+16 12.2	4 24.7	56 52.5	44.3	15 31.3	12.1	125.422	−2.800
23	9 18 21	47 7	+11 47.5	4 48.2	56 8.2	39.7	15 19.2	10.8	138.323	−3.729
24	10 5 28	45 3	+ 6 59.3	4 58.1	55 28.5	32.8	15 8.4	8.9	150.904	−4.454
25	10 50 31	43 58	+ 2 1.2	4 57.3	54 55.7	23.9	14 59.5	6.5	163.212	−4.956
26	11 34 29	43 48	− 2 56.1	4 47.3	54 31.8	13.9	14 53.0	3.8	175.309	−5.229
27	12 18 17	44 32	− 7 43.4	4 28.8	54 17.9	3.7	14 49.2	1.0	187.265	−5.271
28	13 2 49	46 4	−12 12.2	4 1.7	54 14.2	6.4	14 48.2	1.7	199.155	−5.087
29	13 48 53	48 14	−16 13.9	3 24.5	54 20.6	15.8	14 49.9	4.3	211.055	−4.685
30	14 37 7	50 46	−19 38.4	2 36.4	54 36.4	23.8	14 54.2	6.5	223.038	−4.078
Juli 1	15 27 53	53 16	−22 14.8	1 36.7	55 0.2	30.0	15 0.7	8.2	235.169	−3.281
2	16 21 9	55 17	−23 51.5	0 26.7	55 30.2	34.2	15 8.9	9.3	247.503	−2.321
3	17 16 26	56 22	−24 18.2	0 50.0	56 4.4	36.0	15 18.2	9.8	260.082	−1.230
4	18 12 48	56 19	−23 28.2	2 7.7	56 40.4	35.4	15 28.0	9.6	272.933	−0.055
5	19 9 7	55 23	−21 20.5	3 20.0	57 15.8	32.8	15 37.6	9.0	286.065	+1.148
6	20 4 30	53 56	−18 0.5	4 21.2	57 48.6	28.6	15 46.6	7.8	299.470	+2.311
7	20 58 26	52 32	−13 39.3	5 7.2	58 17.2	23.3	15 54.4	6.3	313.124	+3.364
8	21 50 58	51 36	− 8 32.1	5 36.3	58 40.5	17.7	16 0.7	4.8	326.989	+4.237
9	22 42 34	51 26	− 2 55.8	5 47.4	58 58.2	12.1	16 5.5	3.4	341.021	+4.867
10	23 34 0	52 10	+ 2 51.6	5 40.1	59 10.3	7.0	16 8.9	1.8	355.168	+5.208
11	0 26 10	53 46	+ 8 31.7	5 13.9	59 17.3	1.8	16 10.7	0.7	9.384	+5.234
12	1 19 56	56 2	+13 45.6	4 28.4	59 19.1	3.1	16 11.4	1.0	23.621	+4.940
13	2 15 58	58 28	+18 14.0	3 24.3	59 16.0	8.5	16 10.4	2.3	37.837	+4.345
14	3 14 26	60 24	+21 38.3	2 4.5	59 7.5	14.2	16 8.1	3.9	51.994	+3.487
15	4 14 50	61 9	+23 42.8	0 34.9	58 53.3	20.2	16 4.2	5.5	66.053	+2.425
16	5 15 59	60 16	+24 17.7	0 55.3	58 33.1	26.1	15 58.7	7.1	79.977	+1.230
17	6 16 15	57 56	+23 22.4	2 17.0	58 7.0	31.3	15 51.6	8.5	93.727	−0.022
18	7 14 11	54 45	+21 5.4	3 23.4	57 35.7	35.0	15 43.1	9.6	107.268	−1.253
19	8 8 56	51 24	+17 42.0	4 11.8	57 0.7	36.7	15 33.5	10.0	120.569	−2.391
20	9 0 20	48 24	+13 30.2	4 42.5	56 24.0	36.1	15 23.5	9.8	133.609	−3.380
21	9 48 44	46 7	+ 8 47.7	4 58.1	55 47.9	32.9	15 13.7	9.0	146.381	−4.177
22	10 34 51	44 40	+ 3 49.6	5 0.9	55 15.0	27.5	15 4.7	7.5	158.892	−4.756
23	11 19 31		− 1 11.3		54 47.5		14 57.2		171.168	−5.103

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juni 12	23 6 28	132	− 0 14.1	+14.9	59.0	5 45.0	2.04	— —	—	12 3	3.3
13	23 59 52	135	+ 5 43.8	+14.8	59.4	6 34.3	2.09	0 2	0.9	13 22	3.4
14	0 55 6	141	+11 27.2	+13.7	59.7	7 25.4	2.19	0 24	1.0	14 44	3.4
15	1 53 8	149	+16 33.5	+11.6	59.8	8 19.4	2.32	0 49	1.1	16 7	3.4
16	2 54 22	157	+20 38.2	+ 8.6	59.8	9 16.5	2.45	1 19	1.5	17 28	3.3
17	3 58 23	162	+23 18.4	+ 4.7	59.6	10 16.4	2.54	1 59	1.9	18 43	2.9
18	5 3 40	163	+24 18.4	+ 0.3	59.2	11 17.6	2.55	2 49	2.3	19 47	2.4
19	6 8 0	158	+23 35.2	− 3.8	58.7	12 17.8	2.46	3 50	2.8	20 38	1.9
20	7 9 23	149	+21 19.3	− 7.3	58.0	13 15.1	2.31	5 1	3.0	21 16	1.4
21	8 6 43	138	+17 50.4	− 9.9	57.2	14 8.4	2.13	6 16	3.1	21 46	1.1
22	8 59 53	128	+13 30.8	−11.6	56.4	14 57.4	1.97	7 30	3.0	22 10	0.9
23	9 49 29	120	+ 8 40.5	−12.5	55.7	15 43.0	1.84	8 42	3.0	22 29	0.8
24	10 36 28	115	+ 3 35.5	−12.8	55.1	16 25.9	1.75	9 52	2.9	22 47	0.7
25	11 21 56	113	− 1 31.5	−12.7	54.6	17 7.3	1.72	10 59	2.8	23 4	0.7
26	12 6 56	113	− 6 30.6	−12.2	54.3	17 48.3	1.72	12 5	2.8	23 20	0.7
27	12 52 30	115	−11 12.6	−11.3	54.2	18 29.8	1.76	13 11	2.8	23 38	0.8
28	13 39 32	120	−15 28.3	−10.0	54.3	19 12.7	1.84	14 17	2.8	— —	—
29	14 28 50	127	−19 7.1	− 8.2	54.6	19 58.0	1.95	15 24	2.8	0 0	1.0
30	15 20 53	134	−21 57.0	− 5.9	54.9	20 45.9	2.06	16 31	2.7	0 25	1.2
Juli 1	16 15 45	140	−23 44.9	− 3.0	55.4	21 36.7	2.17	17 34	2.5	0 56	1.5
2	17 12 56	145	−24 18.7	+ 0.3	56.0	22 29.8	2.25	18 32	2.3	1 36	1.9
3	18 11 23	147	−23 30.4	+ 3.8	56.7	23 24.2	2.28	19 23	1.9	2 27	2.4
4	— — —	—	— —	—	—	— —	—	20 4	1.5	3 29	2.8
5	19 9 50	145	−21 18.3	+ 7.2	57.3	0 18.6	2.25	20 37	1.3	4 39	3.0
6	20 7 13	141	−17 48.8	+10.2	57.8	1 11.8	2.19	21 5	1.1	5 55	3.2
7	21 2 59	137	−13 14.6	+12.5	58.3	2 3.5	2.13	21 28	0.9	7 14	3.3
8	21 57 13	134	− 7 52.7	+14.1	58.7	2 53.7	2.07	21 48	0.9	8 32	3.3
9	22 50 31	133	− 2 2.3	+14.9	59.0	3 42.9	2.05	22 9	0.9	9 51	3.3
10	23 43 46	134	+ 3 57.0	+14.9	59.2	4 32.1	2.07	22 30	0.9	11 11	3.3
11	0 38 2	138	+ 9 44.9	+14.0	59.3	5 22.2	2.13	22 53	1.1	12 31	3.4
12	1 34 16	144	+15 0.5	+12.2	59.3	6 14.4	2.23	23 21	1.3	13 52	3.4
13	2 33 9	151	+19 22.4	+ 9.5	59.2	7 9.2	2.35	23 56	1.6	15 12	3.3
14	3 34 41	157	+22 30.0	+ 6.0	59.1	8 6.6	2.44	— —	—	16 28	3.0
15	4 38 1	159	+24 6.8	+ 2.0	58.8	9 5.8	2.48	0 40	2.1	17 35	2.5
16	5 41 30	157	+24 5.1	− 2.1	58.4	10 5.2	2.45	1 36	2.5	18 30	2.0
17	6 43 17	151	+22 28.6	− 5.8	57.9	11 2.9	2.35	2 42	2.9	19 13	1.6
18	7 41 53	142	+19 31.2	− 8.8	57.3	11 57.4	2.20	3 55	3.1	19 46	1.2
19	8 36 45	133	+15 32.5	−10.9	56.7	12 48.2	2.04	5 9	3.1	20 12	1.0
20	9 28 4	124	+10 53.0	−12.2	56.1	13 35.4	1.91	6 23	3.0	20 34	0.8
21	10 16 29	118	+ 5 50.7	−12.8	55.5	14 19.8	1.81	7 34	2.9	20 52	0.7
22	11 2 57	114	+ 0 40.7	−12.9	54.9	15 2.2	1.75	8 42	2.8	21 9	0.7
23	11 48 25	113	− 4 25.0	−12.5	54.6	15 43.6	1.73	9 50	2.8	21 26	0.7

Tag	0h Welt-Zeit: Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′)	Diff. (° ′)	Parallaxe (′ ″)	Diff. (″)	Halbmesser (′ ″)	Diff. (″)	Länge (°)	Breite (°)
1936										
Juli 23	11 19 31	44 5	− 1 11.3	4 53.4	54 47.5	20.2	14 57.2	5.5	171.168	−5.103
24	12 3 36	44 23	− 6 4.7	4 36.7	54 27.3	11.2	14 51.7	3.0	183.252	−5.217
25	12 47 59	45 26	−10 41.4	4 11.4	54 16.1	1.3	14 48.7	0.4	195.201	−5.102
26	13 33 25	47 12	−14 52.8	3 37.1	54 14.8	9.0	14 48.3	2.5	207.081	−4.769
27	14 20 37	49 28	−18 29.9	2 52.8	54 23.8	19.2	14 50.8	5.2	218.970	−4.232
28	15 10 5	51 55	−21 22.7	1 58.2	54 43.0	28.5	14 56.0	7.8	230.948	−3.506
29	16 2 0	54 12	−23 20.9	0 53.0	55 11.5	36.4	15 3.8	9.9	243.093	−2.615
30	16 56 12	55 49	−24 13.9	0 20.5	55 47.9	42.0	15 13.7	11.4	255.481	−1.585
31	17 52 1	56 31	−23 53.4	1 38.5	56 29.9	44.7	15 25.1	12.2	268.175	−0.454
Aug. 1	18 48 32	56 16	−22 14.9	2 55.0	57 14.6	44.1	15 37.3	12.1	281.219	+0.729
2	19 44 48	55 18	−19 19.9	4 3.5	57 58.7	39.9	15 49.4	10.8	294.634	+1.902
3	20 40 6	54 8	−15 16.4	4 58.5	58 38.6	32.6	16 0.2	8.9	308.409	+2.995
4	21 34 14	53 9	−10 17.9	5 36.1	59 11.2	22.9	16 9.1	6.2	322.500	+3.931
5	22 27 23	52 45	− 4 41.8	5 53.7	59 34.1	12.1	16 15.3	3.3	336.833	+4.635
6	23 20 8	53 5	+ 1 11.9	5 50.6	59 46.2	1.6	16 18.6	0.5	351.313	+5.052
7	0 13 13	54 13	+ 7 2.5	5 26.5	59 47.8	7.6	16 19.1	2.1	5.835	+5.147
8	1 7 26	55 55	+12 29.0	4 42.5	59 40.2	15.0	16 17.0	4.1	20.306	+4.914
9	2 3 21	57 53	+17 11.5	3 40.1	59 25.2	20.4	16 12.9	5.5	34.649	+4.375
10	3 1 14	59 28	+20 51.6	2 23.0	59 4.8	24.0	16 7.4	6.6	48.815	+3.574
11	4 0 42	60 8	+23 14.6	0 56.9	58 40.8	26.5	16 0.8	7.2	62.778	+2.571
12	5 0 50	59 30	+24 11.5	0 30.7	58 14.3	28.1	15 53.6	7.7	76.530	+1.433
13	6 0 20	57 33	+23 40.8	1 52.0	57 46.2	29.3	15 45.9	7.9	90.075	+0.232
14	6 57 53	54 48	+21 48.8	3 0.7	57 16.9	30.1	15 38.0	8.3	103.418	−0.962
15	7 52 41	51 45	+18 48.1	3 53.7	56 46.8	30.4	15 29.7	8.2	116.564	−2.085
16	8 44 26	48 56	+14 54.4	4 30.4	56 16.4	30.0	15 21.5	8.2	129.513	−3.080
17	9 33 22	46 40	+10 24.0	4 51.9	55 46.4	28.5	15 13.3	7.8	142.266	−3.903
18	10 20 2	45 8	+ 5 32.1	4 59.8	55 17.9	25.5	15 5.5	6.9	154.819	−4.521
19	11 5 10	44 22	+ 0 32.3	4 56.4	54 52.4	21.1	14 58.6	5.8	167.178	−4.915
20	11 49 32	44 22	− 4 24.1	4 42.6	54 31.3	15.2	14 52.8	4.1	179.355	−5.078
21	12 33 54	45 5	− 9 6.7	4 19.6	54 16.1	7.6	14 48.7	2.1	191.377	−5.013
22	13 18 59	46 27	−13 26.3	3 47.7	54 8.5	1.0	14 46.6	0.3	203.284	−4.730
23	14 5 26	48 18	−17 14.0	3 6.5	54 9.5	10.8	14 46.9	2.9	215.130	−4.246
24	14 53 44	50 26	−20 20.5	2 15.9	54 20.3	20.8	14 49.8	5.7	226.982	−3.578
25	15 44 10	52 34	−22 36.4	1 16.0	54 41.1	30.8	14 55.5	8.4	238.920	−2.749
26	16 36 44	54 18	−23 52.4	0 7.8	55 11.9	40.0	15 3.9	10.9	251.026	−1.787
27	17 31 2	55 25	−24 0.2	1 6.1	55 51.9	47.3	15 14.8	12.9	263.388	−0.721
28	18 26 27	55 44	−22 54.1	2 21.6	56 39.2	52.1	15 27.7	14.2	276.088	+0.407
29	19 22 11	55 25	−20 32.5	3 33.4	57 31.3	53.1	15 41.9	14.4	289.192	+1.546
30	20 17 36	54 46	−16 59.1	4 36.0	58 24.4	49.5	15 56.3	13.5	302.744	+2.636
31	21 12 22	54 10	−12 23.1	5 24.3	59 13.9	41.2	16 9.8	11.3	316.747	+3.602
Sept. 1	22 6 32	53 58	− 6 58.8	5 53.7	59 55.1	28.9	16 21.1	7.8	331.158	+4.368
2	23 0 30		− 1 5.1		60 24.0		16 28.9		345.886	+4.862

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Juli 23	11 48 25	113	− 4 25.0	−12.5	54.6	15 43.6	1.73	9 50	2.8	21 26	0.7
24	12 33 53	114	− 9 16.3	−11.7	54.3	16 25.0	1.74	10 56	2.8	21 44	0.8
25	13 20 15	118	−13 43.9	−10.5	54.2	17 7.3	1.80	12 2	2.8	22 3	0.9
26	14 8 20	123	−17 38.1	− 8.9	54.3	17 51.4	1.88	13 9	2.8	22 26	1.1
27	14 58 48	129	−20 48.4	− 6.9	54.6	18 37.8	1.99	14 15	2.7	22 55	1.4
28	15 51 58	136	−23 3.2	− 4.3	55.1	19 26.9	2.10	15 19	2.6	23 31	1.7
29	16 47 44	142	−24 10.4	− 1.2	55.7	20 18.5	2.20	16 20	2.4	— —	—
30	17 45 27	146	−23 59.7	+ 2.2	56.4	21 12.2	2.26	17 13	2.1	0 16	2.1
31	18 44 5	147	−22 25.4	+ 5.7	57.2	22 6.7	2.28	17 59	1.7	1 13	2.6
Aug. 1	19 42 30	145	−19 28.5	+ 9.0	57.9	23 1.0	2.25	18 36	1.4	2 20	2.9
2	20 39 53	142	−15 17.5	+11.8	58.6	23 54.3	2.20	19 6	1.2	3 34	3.2
3	— — —	—	— —	—	—	— —	—	19 32	1.0	4 53	3.3
4	21 35 57	139	−10 7.6	+13.9	59.2	0 46.3	2.15	19 54	0.9	6 14	3.4
5	22 30 57	137	− 4 18.3	+15.1	59.6	1 37.2	2.11	20 15	0.9	7 35	3.4
6	23 25 33	137	+ 1 48.4	+15.3	59.8	2 27.7	2.11	20 36	0.9	8 56	3.4
7	0 20 37	139	+ 7 49.4	+14.6	59.8	3 18.7	2.15	20 59	1.0	10 18	3.4
8	1 17 3	143	+13 22.0	+13.0	59.6	4 11.1	2.23	21 26	1.2	11 40	3.4
9	2 15 28	149	+18 3.9	+10.4	59.4	5 5.4	2.31	21 58	1.5	13 1	3.3
10	3 16 3	154	+21 35.2	+ 7.1	59.0	6 1.9	2.40	22 39	1.9	14 18	3.0
11	4 18 14	157	+23 40.3	+ 3.3	58.6	7 0.0	2.44	23 30	2.4	15 27	2.6
12	5 20 44	155	+24 10.8	− 0.7	58.1	7 58.4	2.42	— —	—	16 25	2.1
13	6 22 1	150	+23 8.1	− 4.4	57.6	8 55.5	2.34	0 32	2.7	17 10	1.7
14	7 20 42	143	+20 42.2	− 7.6	57.1	9 50.1	2.21	1 41	3.0	17 47	1.4
15	8 16 6	134	+17 9.5	−10.0	56.6	10 41.5	2.08	2 54	3.0	18 15	1.1
16	9 8 11	126	+12 48.5	−11.6	56.0	11 29.5	1.94	4 6	3.0	18 38	0.9
17	9 57 25	120	+ 7 56.9	−12.6	55.5	12 14.6	1.84	5 18	2.9	18 57	0.8
18	10 44 33	116	+ 2 50.4	−12.9	55.1	12 57.7	1.77	6 27	2.9	19 15	0.7
19	11 30 28	114	− 2 17.5	−12.7	54.7	13 39.6	1.74	7 35	2.8	19 32	0.7
20	12 16 1	114	− 7 15.3	−12.1	54.4	14 21.1	1.74	8 42	2.8	19 50	0.8
21	13 2 3	116	−11 52.8	−11.0	54.2	15 3.0	1.78	9 48	2.8	20 8	0.8
22	13 49 19	120	−16 0.1	− 9.5	54.1	15 46.2	1.84	10 54	2.8	20 30	1.0
23	14 38 28	126	−19 27.4	− 7.6	54.3	16 31.3	1.93	12 0	2.7	20 56	1.2
24	15 29 54	132	−22 4.1	− 5.3	54.6	17 18.7	2.03	13 4	2.6	21 28	1.5
25	16 23 43	137	−23 39.8	− 2.6	55.1	18 8.4	2.12	14 6	2.5	22 9	1.9
26	17 19 37	142	−24 4.5	+ 0.6	55.7	19 0.2	2.20	15 2	2.2	22 59	2.3
27	18 16 55	144	−23 10.8	+ 3.9	56.5	19 53.4	2.24	15 50	1.8	— —	—
28	19 14 43	144	−20 55.8	+ 7.3	57.4	20 47.2	2.24	16 30	1.5	0 0	2.8
29	20 12 16	143	−17 22.7	+10.4	58.3	21 40.6	2.22	17 4	1.3	1 11	3.1
30	21 9 5	141	−12 41.2	+13.0	59.2	22 33.4	2.19	17 31	1.1	2 27	3.3
31	22 5 14	140	− 7 7.0	+14.8	59.9	23 25.4	2.16	17 55	1.0	3 47	3.4
Sept. 1	— — —	—	— —	—	—	— —	—	18 18	0.9	5 9	3.4
2	23 1 9	140	− 1 0.7	+15.6	60.4	0 17.3	2.17	18 40	0.9	6 32	3.5

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1936	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Sept. 2	23 0 30	54 24	− 1 5.1	6 1.2	60 24.0	13.7	16 28.9	3.8	345.886	+4.862
3	23 54 54	55 29	+ 4 56.1	5 44.9	60 37.7	2.1	16 32.7	0.6	0.799	+5.034
4	0 50 23	57 6	+10 41.0	5 4.9	60 35.6	16.4	16 32.1	4.5	15.743	+4.864
5	1 47 29	58 52	+15 45.9	4 3.6	60 19.2	27.8	16 27.6	7.6	30.573	+4.368
6	2 46 21	60 16	+19 49.5	2 45.7	59 51.4	35.4	16 20.0	9.6	45.172	+3.593
7	3 46 37	60 41	+22 35.2	1 18.2	59 16.0	39.4	16 10.4	10.7	59.466	+2.605
8	4 47 18	59 50	+23 53.4	0 10.6	58 36.6	40.3	15 59.7	11.0	73.425	+1.482
9	5 47 8	57 44	+23 42.8	1 32.6	57 56.3	39.1	15 48.7	10.7	87.054	+0.299
10	6 44 52	54 54	+22 10.2	2 42.3	57 17.2	36.6	15 38.0	9.9	100.380	−0.873
11	7 39 46	51 49	+19 27.9	3 37.1	56 40.6	33.4	15 28.1	9.1	113.441	−1.975
12	8 31 35	49 0	+15 50.8	4 16.5	56 7.2	30.0	15 19.0	8.2	126.274	−2.955
13	9 20 35	46 45	+11 34.3	4 41.6	55 37.2	26.7	15 10.8	7.3	138.913	−3.772
14	10 7 20	45 12	+ 6 52.7	4 53.9	55 10.5	23.1	15 3.5	6.3	151.381	−4.394
15	10 52 32	44 23	+ 1 58.8	4 54.6	54 47.4	19.3	14 57.2	5.2	163.694	−4.801
16	11 36 55	44 18	− 2 55.8	4 44.8	54 28.1	14.9	14 52.0	4.1	175.868	−4.983
17	12 21 13	44 52	− 7 40.6	4 25.0	54 13.2	9.8	14 47.9	2.7	187.914	−4.940
18	13 6 5	46 1	−12 5.6	3 55.7	54 3.4	3.6	14 45.2	1.0	199.851	−4.679
19	13 52 6	47 37	−16 1.3	3 17.1	53 59.8	3.5	14 44.2	1.0	211.708	−4.216
20	14 39 43	49 27	−19 18.4	2 29.4	54 3.3	11.7	14 45.2	3.2	223.522	−3.571
21	15 29 10	51 16	−21 47.8	1 33.0	54 15.0	20.7	14 48.4	5.6	235.349	−2.771
22	16 20 26	52 47	−23 20.8	0 29.3	54 35.7	30.1	14 54.0	8.3	247.253	−1.844
23	17 13 13	53 48	−23 50.1	0 39.5	55 5.8	39.5	15 2.3	10.7	259.313	−0.821
24	18 7 1	54 14	−23 10.6	1 50.5	55 45.3	48.0	15 13.0	13.1	271.614	+0.261
25	19 1 15	54 10	−21 20.1	3 0.0	56 33.3	54.5	15 26.1	14.8	284.245	+1.358
26	19 55 25	53 49	−18 20.1	4 3.9	57 27.8	57.9	15 40.9	15.8	297.288	+2.420
27	20 49 14	53 34	−14 16.2	4 57.9	58 25.7	56.9	15 56.7	15.5	310.805	+3.385
28	21 42 48	53 41	− 9 18.3	5 37.6	59 22.6	50.5	16 12.2	13.8	324.824	+4.183
29	22 36 29	54 25	− 3 40.7	5 58.6	60 13.1	38.6	16 26.0	10.5	339.326	+4.742
30	23 30 54	55 51	+ 2 17.9	5 56.5	60 51.7	21.9	16 36.5	5.9	354.231	+4.999
Okt. 1	0 26 45	57 52	+ 8 14.4	5 28.7	61 13.6	2.6	16 42.4	0.8	9.401	+4.912
2	1 24 37	60 6	+13 43.1	4 34.7	61 16.2	16.4	16 43.2	4.5	24.661	+4.477
3	2 24 43	61 56	+18 17.8	3 18.7	60 59.8	32.6	16 38.7	8.9	39.826	+3.728
4	3 26 39	62 40	+21 36.5	1 48.1	60 27.2	44.3	16 29.8	12.1	54.735	+2.733
5	4 29 19	61 51	+23 24.6	0 13.9	59 42.9	50.5	16 17.7	13.7	69.277	+1.580
6	5 31 10	59 32	+23 38.5	1 13.8	58 52.4	52.2	16 4.0	14.3	83.399	+0.359
7	6 30 42	56 16	+22 24.7	2 27.9	58 0.2	50.1	15 49.7	13.6	97.093	−0.848
8	7 26 58	52 45	+19 56.8	3 25.2	57 10.1	45.4	15 36.1	12.4	110.391	−1.974
9	8 19 43	49 33	+16 31.6	4 6.4	56 24.7	39.5	15 23.7	10.7	123.345	−2.968
10	9 9 16	46 59	+12 25.2	4 33.1	55 45.2	33.1	15 13.0	9.0	136.011	−3.792
11	9 56 15	45 12	+ 7 52.1	4 47.2	55 12.1	26.6	15 4.0	7.3	148.448	−4.419
12	10 41 27	44 16	+ 3 4.9	4 50.6	54 45.5	20.5	14 56.7	5.6	160.706	−4.831
13	11 25 43		− 1 45.7		54 25.0		14 51.1		172.823	−5.020

Tag	Obere Kulmination in Greenwich							0h Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Sept. 2	23 1 9	140	− 1 0.7	+15.6	60.4	0 17.3	2.17	18 40	0.9	6 32	3.5
3	23 57 33	142	+ 5 13.3	+15.4	60.6	1 9.6	2.20	19 3	1.0	7 56	3.5
4	0 55 12	146	+11 8.9	+14.1	60.6	2 3.1	2.28	19 29	1.2	9 20	3.5
5	1 54 41	151	+16 19.8	+11.7	60.3	2 58.5	2.36	20 0	1.5	10 44	3.4
6	2 56 9	156	+20 22.3	+ 8.4	59.8	3 55.9	2.43	20 40	1.8	12 5	3.2
7	3 59 2	158	+22 58.5	+ 4.5	59.1	4 54.7	2.46	21 28	2.2	13 18	2.8
8	5 2 8	157	+23 58.9	+ 0.5	58.4	5 53.6	2.44	22 26	2.6	14 20	2.3
9	6 3 53	152	+23 24.3	− 3.3	57.7	6 51.3	2.36	23 33	2.9	15 10	1.8
10	7 2 59	144	+21 24.6	− 6.6	57.1	7 46.3	2.23	— —	—	15 48	1.4
11	7 58 45	135	+18 15.3	− 9.1	56.5	8 38.0	2.09	0 44	3.0	16 18	1.1
12	8 51 10	127	+14 13.8	−10.9	55.9	9 26.3	1.95	1 56	3.0	16 43	0.9
13	9 40 41	121	+ 9 36.9	−12.1	55.4	10 11.8	1.85	3 6	2.9	17 3	0.8
14	10 28 3	116	+ 4 39.7	−12.6	55.0	10 55.1	1.78	4 15	2.9	17 22	0.8
15	11 14 4	114	− 0 24.4	−12.7	54.6	11 37.1	1.74	5 23	2.8	17 39	0.7
16	11 59 36	114	− 5 23.8	−12.2	54.3	12 18.5	1.73	6 30	2.8	17 56	0.8
17	12 45 25	116	−10 7.3	−11.3	54.1	13 0.3	1.76	7 36	2.8	18 15	0.8
18	13 32 13	119	−14 24.5	−10.0	54.0	13 43.0	1.81	8 42	2.7	18 35	0.9
19	14 20 34	123	−18 5.3	− 8.3	54.0	14 27.3	1.89	9 47	2.7	19 0	1.1
20	15 10 52	128	−20 59.3	− 6.1	54.2	15 13.5	1.97	10 52	2.6	19 30	1.4
21	16 3 13	133	−22 56.6	− 3.6	54.5	16 1.8	2.06	11 54	2.5	20 7	1.7
22	16 57 23	137	−23 48.4	− 0.7	54.9	16 51.9	2.12	12 51	2.2	20 52	2.1
23	17 52 53	140	−23 27.8	+ 2.4	55.6	17 43.3	2.16	13 41	1.9	21 48	2.5
24	18 49 1	141	−21 51.2	+ 5.6	56.4	18 35.4	2.18	14 24	1.6	22 52	2.8
25	19 45 11	140	−18 59.3	+ 8.7	57.3	19 27.4	2.17	15 0	1.4	— —	—
26	20 41 0	139	−14 57.4	+11.4	58.3	20 19.2	2.15	15 29	1.1	0 3	3.1
27	21 36 30	139	− 9 55.8	+13.6	59.3	21 10.6	2.15	15 55	1.0	1 19	3.3
28	22 32 4	140	− 4 9.4	+15.1	60.2	22 2.1	2.16	16 18	0.9	2 39	3.4
29	23 28 23	142	+ 2 1.4	+15.6	60.8	22 54.3	2.21	16 40	0.9	4 1	3.4
30	0 26 17	147	+ 8 11.5	+15.0	61.2	23 48.1	2.29	17 3	1.0	5 24	3.5
Okt. 1	— — —	—	— —	—	—	— —	—	17 29	1.2	6 50	3.6
2	1 26 25	154	+13 52.4	+13.2	61.3	0 44.2	2.39	17 59	1.4	8 17	3.6
3	2 29 5	160	+18 34.8	+10.2	61.0	1 42.7	2.49	18 36	1.7	9 42	3.4
4	3 33 45	163	+21 53.5	+ 6.3	60.4	2 43.3	2.55	19 22	2.2	11 2	3.1
5	4 39 3	162	+23 32.9	+ 2.0	59.6	3 44.5	2.54	20 20	2.6	12 10	2.6
6	5 43 9	157	+23 30.5	− 2.1	58.7	4 44.5	2.45	21 25	2.8	13 5	2.0
7	6 44 22	149	+21 55.7	− 5.7	57.8	5 41.6	2.31	22 36	3.0	13 48	1.6
8	7 41 47	139	+19 5.5	− 8.4	57.0	6 34.9	2.14	23 47	3.0	14 21	1.2
9	8 35 20	129	+15 19.2	−10.3	56.2	7 24.4	1.99	— —	—	14 47	1.0
10	9 25 31	122	+10 54.5	−11.6	55.6	8 10.5	1.87	0 58	2.9	15 9	0.9
11	10 13 10	117	+ 6 6.6	−12.3	55.0	8 54.1	1.78	2 7	2.8	15 28	0.8
12	10 59 14	114	+ 1 8.4	−12.5	54.6	9 36.1	1.74	3 14	2.8	15 46	0.7
13	11 44 35	113	− 3 48.9	−12.2	54.3	10 17.4	1.73	4 21	2.8	16 3	0.7

Tag	Scheinbare Rektaszension (h m s)	Diff. (m s)	Scheinbare Deklination (° ′)	Diff. (° ′)	Parallaxe (′ ″)	Diff. (″)	Halbmesser (′ ″)	Diff. (″)	Länge (°)	Breite (°)
1936										
Okt. 13	11 25 43	44 5	− 1 45.7	4 43.9	54 25.0	14.9	14 51.1	4.1	172.823	−5.020
14	12 9 48	44 36	− 6 29.6	4 27.5	54 10.1	9.7	14 47.0	2.6	184.834	−4.983
15	12 54 24	45 44	−10 57.1	4 1.4	54 0.4	4.5	14 44.4	1.2	196.762	−4.728
16	13 40 8	47 15	−14 58.5	3 25.7	53 55.9	0.8	14 43.2	0.2	208.629	−4.268
17	14 27 23	49 1	−18 24.2	2 40.2	53 56.7	6.5	14 43.4	1.8	220.461	−3.624
18	15 16 24	50 41	−21 4.4	1 46.0	54 3.2	12.9	14 45.2	3.5	232.286	−2.822
19	16 7 5	52 3	−22 50.4	0 44.8	54 16.1	19.8	14 48.7	5.4	244.143	−1.892
20	16 59 8	52 51	−23 35.2	0 21.4	54 35.9	27.6	14 54.1	7.5	256.080	−0.871
21	17 51 59	53 3	−23 13.8	1 28.8	55 3.5	35.6	15 1.6	9.7	268.160	+0.204
22	18 45 2	52 46	−21 45.0	2 34.6	55 39.1	43.6	15 11.3	11.9	280.452	+1.290
23	19 37 48	52 16	−19 10.4	3 35.6	56 22.7	50.5	15 23.2	13.7	293.035	+2.340
24	20 30 4	51 52	−15 34.8	4 28.8	57 13.2	55.4	15 36.9	15.1	305.986	+3.303
25	21 21 56	51 55	−11 6.0	5 11.4	58 8.6	57.1	15 52.0	15.6	319.373	+4.119
26	22 13 51	52 38	− 5 54.6	5 40.3	59 5.7	54.1	16 7.6	14.7	333.242	+4.726
27	23 6 29	54 12	− 0 14.3	5 50.9	59 59.8	45.4	16 22.3	12.4	347.598	+5.063
28	0 0 41	56 33	+ 5 36.6	5 39.1	60 45.2	31.3	16 34.7	8.5	2.394	+5.078
29	0 57 14	59 28	+11 15.7	5 0.9	61 16.5	12.5	16 43.2	3.4	17.525	+4.744
30	1 56 42	62 18	+16 16.6	3 56.2	61 29.0	8.1	16 46.6	2.2	32.831	+4.069
31	2 59 0	64 13	+20 12.8	2 29.2	61 20.9	27.7	16 44.4	7.5	48.129	+3.102
Nov. 1	4 3 13	64 24	+22 42.0	0 50.7	60 53.2	43.4	16 36.9	11.9	63.238	+1.925
2	5 7 37	62 37	+23 32.7	0 46.1	60 9.8	53.7	16 25.0	14.6	78.012	+0.641
3	6 10 14	59 15	+22 46.6	2 10.0	59 16.1	58.0	16 10.4	15.8	92.357	−0.650
4	7 9 29	55 16	+20 36.6	3 15.1	58 18.1	57.4	15 54.6	15.6	106.238	−1.864
5	8 4 45	51 23	+17 21.5	4 0.8	57 20.7	52.9	15 39.0	14.4	119.663	−2.934
6	8 56 8	48 11	+13 20.7	4 29.8	56 27.8	45.8	15 24.6	12.5	132.674	−3.819
7	9 44 19	45 52	+ 8 50.9	4 45.1	55 42.0	37.5	15 12.1	10.2	145.332	−4.490
8	10 30 11	44 29	+ 4 5.8	4 49.2	55 4.5	28.8	15 1.9	7.9	157.706	−4.936
9	11 14 40	44 0	− 0 43.4	4 43.8	54 35.7	20.4	14 54.0	5.5	169.865	−5.150
10	11 58 40	44 20	− 5 27.2	4 29.5	54 15.3	12.5	14 48.5	3.4	181.870	−5.134
11	12 43 0	45 21	− 9 56.7	4 6.2	54 2.8	5.6	14 45.1	1.6	193.776	−4.895
12	13 28 21	46 54	−14 2.9	3 33.3	53 57.2	0.6	14 43.5	0.2	205.629	−4.447
13	14 15 15	48 43	−17 36.2	2 50.7	53 57.8	5.9	14 43.7	1.6	217.465	−3.808
14	15 3 58	50 33	−20 26.9	1 58.7	54 3.7	10.8	14 45.3	2.9	229.317	−3.002
15	15 54 31	52 0	−22 25.6	0 58.5	54 14.5	15.5	14 48.2	4.3	241.214	−2.061
16	16 46 31	52 51	−23 24.1	0 7.0	54 30.0	20.4	14 52.5	5.5	253.185	−1.021
17	17 39 22	52 57	−23 17.1	1 14.0	54 50.4	25.3	14 58.0	6.9	265.263	+0.077
18	18 32 19	52 26	−22 3.1	2 18.9	55 15.7	30.8	15 4.9	8.4	277.487	+1.186
19	19 24 45	51 33	−19 44.2	3 18.1	55 46.5	36.4	15 13.3	9.9	289.904	+2.258
20	20 16 18	50 43	−16 26.1	4 9.2	56 22.9	41.7	15 23.2	11.4	302.565	+3.242
21	21 7 1	50 15	−12 16.9	4 50.4	57 4.6	46.2	15 34.6	12.6	315.525	+4.085
22	21 57 16	50 29	− 7 26.5	5 19.9	57 50.8	48.6	15 47.2	13.2	328.835	+4.734
23	22 47 45		− 2 6.6		58 39.4		16 0.4		342.536	+5.136

0h Welt-Zeit

Tag	Obere Kulmination in Greenwich: AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	0h Länge, + 50° Breite: Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Okt. 13	11 44 35	113	− 3 48.9	−12.2	54.3	10 17.4	1.73	4 21	2.8	16 3	0.7
14	12 30 6	115	− 8 34.6	−11.5	54.1	10 58.9	1.75	5 26	2.7	16 21	0.8
15	13 16 30	118	−12 58.5	−10.4	54.0	11 41.2	1.80	6 32	2.8	16 41	0.9
16	14 4 22	122	−16 50.0	− 8.8	53.9	12 25.0	1.87	7 38	2.7	17 4	1.1
17	14 54 4	127	−19 58.3	− 6.8	54.0	13 10.6	1.95	8 42	2.6	17 33	1.3
18	15 45 43	131	−22 13.2	− 4.4	54.2	13 58.2	2.02	9 45	2.5	18 7	1.6
19	16 39 2	135	−23 25.6	− 1.6	54.5	14 47.4	2.08	10 44	2.3	18 50	2.0
20	17 33 30	137	−23 28.9	+ 1.4	54.9	15 37.8	2.12	11 36	2.0	19 41	2.3
21	18 28 26	137	−22 20.1	+ 4.4	55.5	16 28.7	2.13	12 20	1.7	20 41	2.6
22	19 23 10	136	−19 59.8	+ 7.3	56.2	17 19.4	2.10	12 57	1.4	21 48	2.9
23	20 17 23	135	−16 32.5	+ 9.9	57.0	18 9.5	2.08	13 28	1.2	23 0	3.1
24	21 11 7	134	−12 6.1	+12.2	57.9	18 59.1	2.07	13 54	1.0	— —	—
25	22 4 45	135	− 6 51.4	+13.9	58.9	19 48.7	2.08	14 18	0.9	0 15	3.2
26	22 59 4	137	− 1 2.9	+15.0	59.9	20 38.9	2.13	14 39	0.9	1 33	3.3
27	23 54 58	143	+ 5 0.4	+15.1	60.7	21 30.7	2.22	15 2	1.0	2 53	3.4
28	0 53 25	150	+10 54.2	+14.2	61.2	22 25.1	2.34	15 26	1.1	4 16	3.5
29	1 55 7	158	+16 9.5	+11.9	61.5	23 22.7	2.47	15 54	1.3	5 42	3.6
30	— — —	—	— —	—	—	— —	—	16 28	1.6	7 9	3.6
31	3 0 2	166	+20 16.0	+ 8.4	61.3	0 23.5	2.59	17 11	2.0	8 33	3.4
Nov. 1	4 7 6	169	+22 47.9	+ 4.1	60.9	1 26.4	2.64	18 5	2.5	9 50	2.9
2	5 14 14	166	+23 32.3	− 0.4	60.1	2 29.5	2.60	19 10	2.8	10 53	2.4
3	6 19 7	158	+22 32.4	− 4.5	59.1	3 30.3	2.46	20 21	3.0	11 43	1.8
4	7 20 3	147	+20 4.7	− 7.7	58.1	4 27.1	2.28	21 35	3.1	12 20	1.4
5	8 16 28	136	+16 31.4	− 9.9	57.1	5 19.4	2.10	22 48	3.0	12 50	1.1
6	9 8 42	126	+12 14.0	−11.4	56.3	6 7.6	1.94	23 58	2.9	13 13	0.9
7	9 57 39	119	+ 7 30.3	−12.2	55.5	6 52.5	1.82	— —	—	13 33	0.8
8	10 44 21	115	+ 2 34.4	−12.4	54.9	7 35.1	1.75	1 6	2.8	13 51	0.8
9	11 29 51	113	− 2 22.3	−12.2	54.5	8 16.5	1.72	2 12	2.8	14 9	0.8
10	12 15 9	114	− 7 10.0	−11.7	54.2	8 57.8	1.73	3 18	2.7	14 27	0.8
11	13 1 6	116	−11 39.1	−10.7	54.0	9 39.7	1.78	4 23	2.7	14 46	0.9
12	13 48 25	121	−15 39.8	− 9.3	53.9	10 22.9	1.84	5 29	2.7	15 9	1.0
13	14 37 37	126	−19 1.3	− 7.4	54.0	11 8.1	1.93	6 34	2.7	15 36	1.2
14	15 28 52	131	−21 32.9	− 5.1	54.1	11 55.2	2.01	7 38	2.6	16 8	1.5
15	16 21 58	135	−23 4.5	− 2.4	54.4	12 44.3	2.08	8 38	2.4	16 49	1.9
16	17 16 21	137	−23 28.4	+ 0.5	54.7	13 34.6	2.12	9 32	2.1	17 38	2.2
17	18 11 13	137	−22 40.6	+ 3.5	55.1	14 25.4	2.12	10 19	1.8	18 35	2.5
18	19 5 45	135	−20 42.0	+ 6.4	55.6	15 15.8	2.09	10 58	1.5	19 40	2.8
19	19 59 25	133	−17 37.5	+ 9.0	56.2	16 5.4	2.05	11 30	1.2	20 49	2.9
20	20 52 5	131	−13 35.4	+11.2	56.9	16 54.0	2.01	11 57	1.0	22 1	3.0
21	21 44 5	130	− 8 46.1	+12.9	57.6	17 41.9	2.00	12 20	0.9	23 15	3.1
22	22 36 7	131	− 3 21.8	+14.0	58.5	18 29.9	2.02	12 42	0.9	— —	—
23	23 29 8	135	+ 2 22.8	+14.5	59.3	19 18.8	2.08	13 3	0.9	0 31	3.2

Tag	0h Welt-Zeit									
	Scheinbare Rektaszension		Scheinbare Deklination		Parallaxe		Halbmesser		Länge	Breite
1936	h m s	m s	° ′	° ′	′ ″	″	′ ″	″	°	°
Nov. 23	22 47 45	51 35	− 2 6.6	5 35.3	58 39.4	48.1	16 0.4	13.1	342.536	+5.136
24	23 39 20	53 39	+ 3 28.7	5 33.3	59 27.5	43.4	16 13.5	11.9	356.643	+5.246
25	0 32 59	56 34	+ 9 2.0	5 9.9	60 10.9	33.8	16 25.4	9.2	11.137	+5.030
26	1 29 33	59 59	+14 11.9	4 21.8	60 44.7	19.6	16 34.6	5.3	25.956	+4.479
27	2 29 32	63 6	+18 33.7	3 8.8	61 4.3	1.9	16 39.9	0.5	40.994	+3.614
28	3 32 38	64 57	+21 42.5	1 36.1	61 6.2	$\overline{10.9}$	16 40.4	$\overline{4.6}$	56.108	+2.492
29	4 37 35	64 46	+23 18.6	$\overline{0\ 4.7}$	60 49.3	34.0	16 35.8	9.3	71.141	+1.201
30	5 42 21	62 25	+23 13.9	1 39.3	60 15.3	47.3	16 26.5	12.8	85.945	−0.153
Dez. 1	6 44 46	58 40	+21 34.6	2 57.2	59 28.0	55.1	16 13.7	15.1	100.404	−1.468
2	7 43 26	54 28	+18 37.4	3 53.5	58 32.9	57.6	15 58.6	15.6	114.442	−2.656
3	8 37 54	50 38	+14 43.9	4 29.2	57 35.3	55.2	15 43.0	15.1	128.032	−3.655
4	9 28 32	47 36	+10 14.7	4 47.9	56 40.1	49.3	15 27.9	13.4	141.185	−4.427
5	10 16 8	45 34	+ 5 26.8	4 53.4	55 50.8	41.0	15 14.5	11.2	153.943	−4.954
6	11 1 42	44 31	+ 0 33.4	4 48.5	55 9.8	31.3	15 3.3	8.5	166.368	−5.233
7	11 46 13	44 23	− 4 15.1	4 34.7	54 38.5	21.4	14 54.8	5.8	178.533	−5.270
8	12 30 36	45 3	− 8 49.8	4 12.7	54 17.1	11.7	14 49.0	3.2	190.512	−5.077
9	13 15 39	46 25	−13 2.5	3 42.1	54 5.4	2.8	14 45.8	0.8	202.380	−4.667
10	14 2 4	48 13	−16 44.6	3 2.4	54 2.6	$\overline{5.1}$	14 45.0	$\overline{1.4}$	214.204	−4.061
11	14 50 17	50 11	−19 47.0	2 13.0	54 7.7	11.5	14 46.4	3.1	226.043	−3.280
12	15 40 28	51 57	−22 0.0	1 14.9	54 19.2	16.8	14 49.5	4.6	237.947	−2.352
13	16 32 25	53 10	−23 14.9	0 9.9	54 36.0	20.8	14 54.1	5.7	249.958	−1.312
14	17 25 35	53 33	−23 24.8	$\overline{0\ 58.4}$	54 56.8	23.9	14 59.8	6.5	262.108	−0.201
15	18 19 8	53 10	−22 26.4	2 5.5	55 20.7	26.4	15 6.3	7.2	274.422	+0.934
16	19 12 18	52 10	−20 20.9	3 6.8	55 47.1	28.4	15 13.5	7.7	286.921	+2.042
17	20 4 28	51 1	−17 14.1	3 59.2	56 15.5	30.2	15 21.2	8.3	299.624	+3.068
18	20 55 29	50 3	−13 14.9	4 40.6	56 45.7	32.2	15 29.5	8.7	312.548	+3.955
19	21 45 32	49 39	− 8 34.3	5 9.6	57 17.9	33.7	15 38.2	9.2	325.710	+4.651
20	22 35 11	50 2	− 3 24.7	5 24.9	57 51.6	34.6	15 47.4	9.4	339.124	+5.109
21	23 25 13	51 20	+ 2 0.2	5 25.2	58 26.2	34.0	15 56.8	9.3	352.803	+5.290
22	0 16 33	53 36	+ 7 25.4	5 8.2	59 0.2	31.4	16 6.1	8.5	6.749	+5.168
23	1 10 9	56 37	+12 33.6	4 31.1	59 31.6	25.7	16 14.6	7.0	20.951	+4.731
24	2 6 46	59 54	+17 4.7	3 32.2	59 57.3	16.8	16 21.6	4.6	35.377	+3.993
25	3 6 40	62 40	+20 36.9	2 12.8	60 14.1	4.8	16 26.2	1.3	49.970	+2.989
26	4 9 20	64 1	+22 49.7	0 38.9	60 18.9	$\overline{9.0}$	16 27.5	$\overline{2.4}$	64.649	+1.783
27	5 13 21	63 21	+23 28.6	$\overline{0\ 57.8}$	60 9.9	23.3	16 25.1	6.4	79.315	+0.462
28	6 16 42	60 50	+22 30.8	2 25.3	59 46.6	35.8	16 18.7	9.7	93.858	−0.878
29	7 17 32	57 11	+20 5.5	3 34.4	59 10.8	45.0	16 9.0	12.3	108.173	−2.141
30	8 14 43	53 21	+16 31.1	4 21.9	58 25.8	50.0	15 56.7	13.6	122.175	−3.245
31	9 8 4		+12 9.2		57 35.8		15 43.1		135.807	−4.133

Tag	Obere Kulmination in Greenwich							0h· Länge, + 50° Breite			
	AR.	Änderung für 1h westl. Länge	Dekl.	Änderung für 1h westl. Länge	Parallaxe	Zeit des Durchgangs	Änderung für 1h westl. Länge	Aufgang	Änderung für 1h westl. Länge	Untergang	Änderung für 1h westl. Länge
1936	h m s	s	° ′	′	′	h m	m	h m	m	h m	m
Nov. 23	23 29 8	135	+ 2 22.8	+14.5	59.3	19 18.8	2.08	13 3	0.9	0 31	3.2
24	0 24 14	141	+ 8 9.7	+14.2	60.1	20 9.8	2.19	13 25	1.0	1 50	3.3
25	1 22 28	150	+13 36.1	+12.8	60.7	21 4.0	2.34	13 50	1.1	3 11	3.4
26	2 24 29	160	+18 14.7	+10.2	61.1	22 1.9	2.50	14 20	1.4	4 35	3.5
27	3 30 6	168	+21 36.7	+ 6.5	61.1	23 3.4	2.62	14 58	1.8	6 0	3.4
28	— — —	—	— —	—	—	— —	—	15 46	2.3	7 20	3.2
29	4 37 55	170	+23 18.8	+ 2.0	60.8	0 7.1	2.66	16 46	2.7	8 32	2.7
30	5 45 28	166	+23 11.2	— 2.5	60.2	1 10.5	2.60	17 57	3.1	9 30	2.1
Dez. 1	6 50 17	157	+21 21.3	— 6.4	59.4	2 11.3	2.45	19 13	3.2	10 14	1.6
2	7 50 46	145	+18 9.7	— 9.3	58.4	3 7.6	2.25	20 29	3.1	10 48	1.3
3	8 46 34	134	+14 1.1	—11.2	57.4	3 59.3	2.07	21 42	3.0	11 15	1.0
4	9 38 14	125	+ 9 18.3	—12.2	56.5	4 46.9	1.92	22 53	2.9	11 37	0.9
5	10 26 46	118	+ 4 19.3	—12.6	55.7	5 31.4	1.81	— —	—	11 56	0.8
6	11 13 19	115	— 0 42.4	—12.5	55.0	6 13.9	1.75	0 1	2.8	12 14	0.8
7	11 59 0	114	— 5 36.1	—11.9	54.5	6 55.5	1.73	1 8	2.8	12 32	0.8
8	12 44 48	115	—10 12.8	—11.1	54.2	7 37.3	1.76	2 13	2.7	12 51	0.9
9	13 31 35	119	—14 23.5	— 9.8	54.1	8 20.0	1.82	3 19	2.7	13 13	1.0
10	14 20 4	124	—17 58.7	— 8.1	54.1	9 4.4	1.90	4 24	2.7	13 38	1.1
11	15 10 39	129	—20 48.1	— 6.0	54.2	9 50.9	1.99	5 28	2.6	14 8	1.4
12	16 3 21	134	—22 40.9	— 3.4	54.4	10 39.6	2.07	6 30	2.5	14 46	1.8
13	16 57 47	138	—23 28.0	— 0.5	54.8	11 29.9	2.13	7 27	2.2	15 33	2.1
14	17 53 9	139	—23 3.3	+ 2.6	55.1	12 21.2	2.15	8 16	1.9	16 28	2.5
15	18 48 29	138	—21 25.4	+ 5.6	55.6	13 12.4	2.13	8 58	1.6	17 31	2.8
16	19 42 59	135	—18 38.5	+ 8.3	56.1	14 2.8	2.08	9 33	1.3	18 40	2.9
17	20 36 12	131	—14 51.4	+10.6	56.6	14 52.0	2.03	10 1	1.1	19 52	3.0
18	21 28 14	129	—10 15.7	+12.3	57.1	15 40.0	1.98	10 26	1.0	21 5	3.1
19	22 19 34	128	— 5 4.4	+13.5	57.7	16 27.2	1.97	10 48	0.9	22 19	3.1
20	23 11 2	130	+ 0 28.0	+14.1	58.3	17 14.6	2.00	11 8	0.9	23 35	3.2
21	0 3 39	134	+ 6 5.7	+13.9	58.9	18 3.2	2.07	11 29	0.9	— —	—
22	0 58 31	141	+11 30.5	+13.0	59.4	18 53.9	2.18	11 52	1.0	0 52	3.3
23	1 56 37	150	+16 20.9	+11.1	59.9	19 47.9	2.33	12 18	1.2	2 12	3.4
24	2 58 23	159	+20 12.5	+ 8.1	60.2	20 45.6	2.48	12 50	1.5	3 34	3.4
25	4 3 27	166	+22 41.2	+ 4.2	60.3	21 46.6	2.59	13 32	2.0	4 54	3.2
26	5 10 12	167	+23 29.0	— 0.2	60.2	22 49.2	2.61	14 25	2.5	6 9	2.9
27	6 16 19	162	+22 31.4	— 4.4	59.8	23 51.2	2.53	15 30	2.9	7 13	2.4
28	— — —	—	— —	—	—	— —	—	16 44	3.2	8 4	1.9
29	7 19 36	153	+19 59.0	— 8.0	59.2	0 50.4	2.38	18 2	3.2	8 44	1.5
30	8 18 45	142	+16 13.3	—10.6	58.4	1 45.4	2.21	19 18	3.1	9 14	1.1
31	9 13 38	132	+11 38.8	—12.1	57.5	2 36.2	2.04	20 33	3.1	9 39	1.0

Phasen des Mondes

1936		Welt-Zeit h m			1936		Welt-Zeit h m		
Jan.	1	15	14.6	Erstes Viertel	Juli	4	17	34.5	Vollmond
	8	18	14.6	Vollmond		11	16	27.8	Letztes Viertel
	16	19	41.0	Letztes Viertel		18	15	18.6	Neumond
	24	7	18.1	Neumond		26	12	35.8	Erstes Viertel
	30	23	35.6	Erstes Viertel	Aug.	3	3	47.3	Vollmond
Febr.	7	11	18.8	Vollmond		9	20	59.3	Letztes Viertel
	15	15	45.4	Letztes Viertel		17	3	20.7	Neumond
	22	18	42.2	Neumond		25	5	48.9	Erstes Viertel
	29	9	27.8	Erstes Viertel	Sept.	1	12	37.3	Vollmond
März	8	5	13.5	Vollmond		8	3	13.9	Letztes Viertel
	16	8	35.0	Letztes Viertel		15	17	41.3	Neumond
	23	4	13.5	Neumond		23	22	12.4	Erstes Viertel
	29	21	22.0	Erstes Viertel		30	21	0.8	Vollmond
April	6	22	46.3	Vollmond	Okt.	7	12	28.3	Letztes Viertel
	14	21	21.2	Letztes Viertel		15	10	20.4	Neumond
	21	12	32.5	Neumond		23	12	53.5	Erstes Viertel
	28	11	16.0	Erstes Viertel		30	5	57.7	Vollmond
Mai	6	15	1.2	Vollmond	Nov.	6	1	28.5	Letztes Viertel
	14	6	12.0	Letztes Viertel		14	4	41.9	Neumond
	20	20	34.5	Neumond		22	1	18.8	Erstes Viertel
	28	2	46.1	Erstes Viertel		28	16	11.8	Vollmond
Juni	5	5	22.3	Vollmond	Dez.	5	18	20.0	Letztes Viertel
	12	12	5.0	Letztes Viertel		13	23	24.9	Neumond
	19	5	14.5	Neumond		21	11	29.7	Erstes Viertel
	26	19	22.6	Erstes Viertel		28	4	0.1	Vollmond

Mond in Erdnähe

1936		Welt-Zeit h
Jan.	26	17.5
Febr.	23	22.4
März	23	9.4
April	20	20.2
Mai	19	2.6
Juni	15	21.0
Juli	11	21.1
Aug.	6	15.8
Sept.	3	8.8
Okt.	1	15.2
Okt.	30	2.6
Nov.	27	14.4
Dez.	25	20.6

Mond in Erdferne

1936		Welt-Zeit h
Jan.	14	23.8
Febr.	11	18.1
März	10	4.3
April	6	5.6
Mai	3	12.4
Mai	31	2.9
Juni	27	20.6
Juli	25	15.1
Aug.	22	9.2
Sept.	19	0.7
Okt.	16	8.5
Nov.	12	9.8
Dez.	9	20.1

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	19 28 59.19	6 55.29	−24 3 52.8	15 57.3	0.118 589	4 698	12 56.6
	1	19 35 54.48	6 52.25	23 47 55.5	17 29.5	0.113 891	5 029	12 59.6
	2	19 42 46.73	6 48.61	23 30 26.0	19 0.6	0.108 862	5 378	13 2.5
	3	19 49 35.34	6 44.26	23 11 25.4	20 30.0	0.103 484	5 745	13 5.3
	4	19 56 19.60	6 39.14	22 50 55.4	21 57.3	0.097 739	6 132	13 8.1
	5	20 2 58.74	6 33.14	22 28 58.1	23 21.7	0.091 607	6 542	13 10.7
	6	20 9 31.88	6 26.13	−22 5 36.4	24 42.5	0.085 065	6 970	13 13.3
	7	20 15 58.01	6 18.00	21 40 53.9	25 58.9	0.078 095	7 422	13 15.7
	8	20 22 16.01	6 8.57	21 14 55.0	27 9.6	0.070 673	7 894	13 18.0
	9	20 28 24.58	5 57.71	20 47 45.4	28 13.5	0.062 779	8 387	13 20.1
	10	20 34 22.29	5 45.22	20 19 31.9	29 9.3	0.054 392	8 899	13 22.0
	11	20 40 7.51	5 30.88	19 50 22.6	29 55.5	0.045 493	9 425	13 23.7
	12	20 45 38.39	5 14.50	−19 20 27.1	30 30.1	0.036 068	9 966	13 25.1
	13	20 50 52.89	4 55.87	18 49 57.0	30 51.6	0.026 102	10 510	13 26.2
	14	20 55 48.76	4 34.71	18 19 5.4	30 57.5	0.015 592	11 052	13 27.0
	15	21 0 23.47	4 10.87	17 48 7.9	30 46.1	0.004 540	11 585	13 27.5
	16	21 4 34.34	3 44.14	17 17 21.8	30 15.3	9.992 955	12 080	13 27.5
	17	21 8 18.48	3 14.34	16 47 6.5	29 22.9	9.980 875	12 546	13 27.0
	18	21 11 32.82	2 41.45	−16 17 43.6	28 7.2	9.968 329	12 946	13 26.0
	19	21 14 14.27	2 5.51	15 49 36.4	26 27.1	9.955 383	13 263	13 24.4
	20	21 16 19.78	1 26.62	15 23 9.3	24 21.7	9.942 120	13 472	13 22.2
	21	21 17 46.40	0 45.17	14 58 47.6	21 51.2	9.928 648	13 548	13 19.3
	22	21 18 31.57	0 1.67	14 36 56.4	18 56.7	9.915 100	13 462	13 15.7
	23	21 18 33.24	0 43.12	14 17 59.7	15 40.7	9.901 638	13 192	13 11.4
	24	21 17 50.12	1 28.17	−14 2 19.0	12 6.8	9.888 446	12 714	13 6.4
	25	21 16 21.95	2 12.33	13 50 12.2	8 20.3	9.875 732	12 013	13 0.6
	26	21 14 9.62	2 54.17	13 41 51.9	4 27.2	9.863 719	11 087	12 54.1
	27	21 11 15.45	3 32.18	13 37 24.7	0 35.0	9.852 632	9 936	12 46.9
	28	21 7 43.27	4 4.92	13 36 49.7	3 8.9	9.842 696	8 587	12 39.2
	29	21 3 38.35	4 31.02	13 39 58.6	6 37.1	9.834 109	7 065	12 31.0
	30	20 59 7.33	4 49.45	−13 46 35.7	9 42.9	9.827 044	5 421	12 22.4
	31	20 54 17.88	4 59.54	13 56 18.6	12 21.4	9.821 623	3 705	12 13.6
Febr.	1	20 49 18.34	5 1.13	14 8 40.0	14 29.6	9.817 918	1 976	12 4.7
	2	20 44 17.21	4 54.47	14 23 9.6	16 6.2	9.815 942	290	11 55.8
	3	20 39 22.74	4 40.33	14 39 15.8	17 12.0	9.815 652	1 305	11 47.1
	4	20 34 42.41	4 19.78	14 56 27.8	17 49.1	9.816 957	2 768	11 38.7
	5	20 30 22.63	3 54.04	−15 14 16.9	18 0.9	9.819 725	4 072	11 30.7
	6	20 26 28.59	3 24.43	15 32 17.8	17 51.1	9.823 797	5 202	11 23.1
	7	20 23 4.16	2 52.25	15 50 8.9	17 23.3	9.828 999	6 155	11 16.0
	8	20 20 11.91	2 18.63	16 7 32.2	16 41.2	9.835 154	6 933	11 9.5
	9	20 17 53.28	1 44.58	16 24 13.4	15 47.9	9.842 087	7 548	11 3.5
	10	20 16 8.70		−16 40 1.3		9.849 635		10 58.1

Tag	0h Welt-Zeit						Obere Kulmination in Greenwich
	Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1936	h m s	m s	° ′ ″	′ ″			h m
Febr. 10	20 16 8.70	1 10.84	−16 40 1.3	14 46.0	9.849 635	8 018	10 58.1
11	20 14 57.86	0 38.04	16 54 47.3	13 37.6	9.857 653	8 357	10 53.3
12	20 14 19.82	0 6.58	17 8 24.9	12 24.3	9.866 010	8 583	10 48.9
13	20 14 13.24	0 23.24	17 20 49.2	11 7.8	9.874 593	8 715	10 45.1
14	20 14 36.48	0 51.25	17 31 57.0	9 48.5	9.883 308	8 770	10 41.8
15	20 15 27.73	1 17.42	17 41 45.5	8 27.5	9.892 078	8 760	10 38.9
16	20 16 45.15	1 41.67	−17 50 13.0	7 5.2	9.900 838	8 696	10 36.4
17	20 18 26.82	2 4.10	17 57 18.2	5 42.3	9.909 534	8 592	10 34.4
18	20 20 30.92	2 24.74	18 3 0.5	4 18.6	9.918 126	8 457	10 32.6
19	20 22 55.66	2 43.72	18 7 19.1	2 54.8	9.926 583	8 298	10 31.2
20	20 25 39.38	3 1.13	18 10 13.9	1 31.0	9.934 881	8 120	10 30.2
21	20 28 40.51	3 17.08	18 11 44.9	0 7.0	9.943 001	7 929	10 29.4
22	20 31 57.59	3 31.65	−18 11 51.9	1 16.8	9.950 930	7 731	10 28.8
23	20 35 29.24	3 45.01	18 10 35.1	2 40.3	9.958 661	7 527	10 28.5
24	20 39 14.25	3 57.22	18 7 54.8	4 3.7	9.966 188	7 320	10 28.4
25	20 43 11.47	4 8.39	18 3 51.1	5 26.9	9.973 508	7 112	10 28.5
26	20 47 19.86	4 18.62	17 58 24.2	6 49.5	9.980 620	6 907	10 28.8
27	20 51 38.48	4 28.00	17 51 34.7	8 11.9	9.987 527	6 703	10 29.2
28	20 56 6.48	4 36.60	−17 43 22.8	9 33.9	9.994 230	6 504	10 29.8
29	21 0 43.08	4 44.48	17 33 48.9	10 55.8	0.000 734	6 307	10 30.5
März 1	21 5 27.56	4 51.74	17 22 53.1	12 17.1	0.007 041	6 115	10 31.4
2	21 10 19.30	4 58.41	17 10 36.0	13 37.8	0.013 156	5 929	10 32.3
3	21 15 17.71	5 4.58	16 56 58.2	14 58.6	0.019 085	5 747	10 33.4
4	21 20 22.29	5 10.28	16 41 59.6	16 18.6	0.024 832	5 570	10 34.6
5	21 25 32.57	5 15.56	−16 25 41.0	17 38.3	0.030 402	5 398	10 35.9
6	21 30 48.13	5 20.46	16 8 2.7	18 57.5	0.035 800	5 231	10 37.2
7	21 36 8.59	5 25.04	15 49 5.2	20 16.4	0.041 031	5 068	10 38.7
8	21 41 33.63	5 29.32	15 28 48.8	21 34.7	0.046 099	4 909	10 40.2
9	21 47 2.95	5 33.34	15 7 14.1	22 52.7	0.051 008	4 755	10 41.8
10	21 52 36.29	5 37.12	14 44 21.4	24 10.2	0.055 763	4 605	10 43.4
11	21 58 13.41	5 40.73	−14 20 11.2	25 27.1	0.060 368	4 457	10 45.1
12	22 3 54.14	5 44.15	13 54 44.1	26 43.7	0.064 825	4 314	10 46.9
13	22 9 38.29	5 47.43	13 28 0.4	27 59.8	0.069 139	4 171	10 48.7
14	22 15 25.72	5 50.60	13 0 0.6	29 15.2	0.073 310	4 033	10 50.6
15	22 21 16.32	5 53.68	12 30 45.4	30 30.4	0.077 343	3 896	10 52.5
16	22 27 10.00	5 56.68	12 0 15.0	31 44.9	0.081 239	3 760	10 54.5
17	22 33 6.68	5 59.64	−11 28 30.1	32 58.8	0.084 999	3 625	10 56.5
18	22 39 6.32	6 2.57	10 55 31.3	34 12.4	0.088 624	3 490	10 58.6
19	22 45 8.89	6 5.50	10 21 18.9	35 25.3	0.092 114	3 356	11 0.7
20	22 51 14.39	6 8.43	9 45 53.6	36 37.4	0.095 470	3 220	11 2.9
21	22 57 22.82	6 11.40	9 9 16.2	37 49.1	0.098 690	3 083	11 5.1
22	23 3 34.22		− 8 31 27.1		0.101 773		11 7.4

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
März	22	23 3 34.22	6 14.41	−8 31 27.1	39 0.1	0.101 773	2 945	11 7.4
	23	23 9 48.63	6 17.49	7 52 27.0	40 10.0	0.104 718	2 802	11 9.7
	24	23 16 6.12	6 20.63	7 12 17.0	41 19.6	0.107 520	2 658	11 12.1
	25	23 22 26.75	6 23.89	6 30 57.4	42 28.0	0.110 178	2 508	11 14.5
	26	23 28 50.64	6 27.25	5 48 29.4	43 35.5	0.112 686	2 352	11 17.0
	27	23 35 17.89	6 30.71	5 4 53.9	44 41.7	0.115 038	2 192	11 19.5
	28	23 41 48.60	6 34.34	−4 20 12.2	45 47.0	0.117 230	2 024	11 22.1
	29	23 48 22.94	6 38.10	3 34 25.2	46 50.5	0.119 254	1 847	11 24.8
	30	23 55 1.04	6 42.00	2 47 34.7	47 52.7	0.121 101	1 660	11 27.5
	31	0 1 43.04	6 46.06	1 59 42.0	48 52.8	0.122 761	1 463	11 30.3
April	1	0 8 29.10	6 50.27	1 10 49.2	49 50.8	0.124 224	1 254	11 33.2
	2	0 15 19.37	6 54.64	−0 20 58.4	50 46.1	0.125 478	1 031	11 36.1
	3	0 22 14.01	6 59.14	+0 29 47.7	51 38.5	0.126 509	792	11 39.1
	4	0 29 13.15	7 3.75	1 21 26.2	52 27.5	0.127 301	538	11 42.2
	5	0 36 16.90	7 8.48	2 13 53.7	53 12.5	0.127 839	264	11 45.4
	6	0 43 25.38	7 13.28	3 7 6.2	53 52.7	0.128 103	$\overline{28}$	11 48.6
	7	0 50 38.66	7 18.10	4 0 58.9	54 27.8	0.128 075	342	11 51.9
	8	0 57 56.76	7 22.89	4 55 26.7	54 56.6	0.127 733	677	11 55.4
	9	1 5 19.65	7 27.60	+5 50 23.3	55 18.6	0.127 056	1 034	11 58.9
	10	1 12 47.25	7 32.14	6 45 41.9	55 32.6	0.126 022	1 416	12 2.4
	11	1 20 19.39	7 36.43	7 41 14.5	55 38.0	0.124 606	1 821	12 6.0
	12	1 27 55.82	7 40.39	8 36 52.5	55 33.5	0.122 785	2 249	12 9.7
	13	1 35 36.21	7 43.86	9 32 26.0	55 18.5	0.120 536	2 697	12 13.5
	14	1 43 20.07	7 46.78	10 27 44.5	54 52.2	0.117 839	3 168	12 17.3
	15	1 51 6.85	7 49.00	+11 22 36.7	54 13.8	0.114 671	3 655	12 21.2
	16	1 58 55.85	7 50.40	12 16 50.5	53 22.8	0.111 016	4 156	12 25.1
	17	2 6 46.25	7 50.87	13 10 13.3	52 19.1	0.106 860	4 667	12 29.0
	18	2 14 37.12	7 50.31	14 2 32.4	51 2.5	0.102 193	5 184	12 32.9
	19	2 22 27.43	7 48.65	14 53 34.9	49 33.6	0.097 009	5 701	12 36.8
	20	2 30 16.08	7 45.82	15 43 8.5	47 52.7	0.091 308	6 214	12 40.7
	21	2 38 1.90	7 41.73	+16 31 1.2	46 1.2	0.085 094	6 717	12 44.5
	22	2 45 43.63	7 36.43	17 17 2.4	43 59.5	0.078 377	7 204	12 48.2
	23	2 53 20.06	7 29.89	18 1 1.9	41 49.5	0.071 173	7 673	12 51.8
	24	3 0 49.95	7 22.16	18 42 51.4	39 32.5	0.063 500	8 120	12 55.3
	25	3 8 12.11	7 13.25	19 22 23.9	37 10.0	0.055 380	8 539	12 58.7
	26	3 15 25.36	7 3.24	19 59 33.9	34 43.2	0.046 841	8 931	13 1.9
	27	3 22 28.60	6 52.20	+20 34 17.1	32 13.9	0.037 910	9 292	13 4.9
	28	3 29 20.80	6 40.17	21 6 31.0	29 43.0	0.028 618	9 624	13 7.7
	29	3 36 0.97	6 27.24	21 36 14.0	27 12.1	0.018 994	9 923	13 10.3
	30	3 42 28.21	6 13.48	22 3 26.1	24 41.8	0.009 071	10 190	13 12.7
Mai	1	3 48 41.69	5 58.94	22 28 7.9	22 12.9	9.998 881	10 427	13 14.9
	2	3 54 40.63		+22 50 20.8		9.988 454		13 16.8

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Mai	2	3 54 40.63	5 43.66	+22 50 20.8	19 46.3	9.988 454	10 632	13 16.8
	3	4 0 24.29	5 27.71	23 10 7.1	17 22.3	9.977 822	10 808	13 18.4
	4	4 5 52.00	5 11.11	23 27 29.4	15 1.3	9.967 014	10 952	13 19.8
	5	4 11 3.11	4 53.92	23 42 30.7	12 43.7	9.956 062	11 067	13 20.9
	6	4 15 57.03	4 36.16	23 55 14.4	10 29.4	9.944 995	11 152	13 21.7
	7	4 20 33.19	4 17.85	24 5 43.8	8 18.8	9.933 843	11 206	13 22.2
	8	4 24 51.04	3 59.05	+24 14 2.6	6 11.6	9.922 637	11 229	13 22.3
	9	4 28 50.09	3 39.76	24 20 14.2	4 8.0	9.911 408	11 220	13 22.2
	10	4 32 29.85	3 20.05	24 24 22.2	2 8.0	9.900 188	11 179	13 21.7
	11	4 35 49.90	2 59.94	24 26 30.2	0 11.2	9.889 009	11 102	13 20.9
	12	4 38 49.84	2 39.48	24 26 41.4	1 42.3	9.877 907	10 991	13 19.8
	13	4 41 29.32	2 18.75	24 24 59.1	3 32.5	9.866 916	10 841	13 18.3
	14	4 43 48.07	1 57.80	+24 21 26.6	5 19.3	9.856 075	10 651	13 16.5
	15	4 45 45.87	1 36.71	24 16 7.3	7 2.9	9.845 424	10 419	13 14.3
	16	4 47 22.58	1 15.62	24 9 4.4	8 43.2	9.835 005	10 142	13 11.8
	17	4 48 38.20	0 54.61	24 0 21.2	10 19.7	9.824 863	9 817	13 9.0
	18	4 49 32.81	0 33.85	23 50 1.5	11 52.4	9.815 046	9 444	13 5.8
	19	4 50 6.66	0 13.45	23 38 9.1	13 21.1	9.805 602	9 020	13 2.2
	20	4 50 20.11	0 6.37	+23 24 48.0	14 44.7	9.796 582	8 543	12 58.3
	21	4 50 13.74	0 25.46	23 10 3.3	16 3.0	9.788 039	8 012	12 54.1
	22	4 49 48.28	0 43.60	22 54 0.3	17 15.4	9.780 027	7 428	12 49.6
	23	4 49 4.68	1 0.57	22 36 44.9	18 20.4	9.772 599	6 790	12 44.8
	24	4 48 4.11	1 16.16	22 18 24.5	19 17.6	9.765 809	6 100	12 39.7
	25	4 46 47.95	1 30.17	21 59 6.9	20 5.9	9.759 709	5 364	12 34.4
	26	4 45 17.78	1 42.39	+21 39 1.0	20 43.8	9.754 345	4 583	12 28.8
	27	4 43 35.39	1 52.65	21 18 17.2	21 10.9	9.749 762	3 762	12 23.1
	28	4 41 42.74	2 0.79	20 57 6.3	21 25.9	9.746 000	2 911	12 17.3
	29	4 39 41.95	2 6.68	20 35 40.4	21 28.0	9.743 089	2 035	12 11.3
	30	4 37 35.27	2 10.28	20 14 12.4	21 16.9	9.741 054	1 143	12 5.2
	31	4 35 24.99	2 11.50	19 52 55.5	20 52.0	9.739 911	245	11 59.1
Juni	1	4 33 13.49	2 10.39	+19 32 3.5	20 13.5	9.739 666	650	11 53.0
	2	4 31 3.10	2 7.03	19 11 50.0	19 21.9	9.740 316	1 534	11 46.9
	3	4 28 56.07	2 1.49	18 52 28.1	18 17.2	9.741 850	2 396	11 40.9
	4	4 26 54.58	1 53.90	18 34 10.9	17 0.9	9.744 246	3 230	11 35.0
	5	4 25 0.68	1 44.42	18 17 10.0	15 33.8	9.747 476	4 029	11 29.3
	6	4 23 16.26	1 33.25	18 1 36.2	13 57.6	9.751 505	4 787	11 23.7
	7	4 21 43.01	1 20.60	+17 47 38.6	12 13.2	9.756 292	5 498	11 18.4
	8	4 20 22.41	1 6.64	17 35 25.4	10 23.2	9.761 790	6 159	11 13.2
	9	4 19 15.77	0 51.59	17 25 2.2	8 28.3	9.767 949	6 770	11 8.3
	10	4 18 24.18	0 35.65	17 16 33.9	6 30.0	9.774 719	7 328	11 3.6
	11	4 17 48.53	0 18.97	17 10 3.9	4 30.9	9.782 047	7 832	10 59.2
	12	4 17 29.56		+17 5 33.0		9.789 879		10 55.1

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Juni	12	4 17 29.56	0 1.77	+17 5 33.0	2 31.3	9.789 879	8 285	10 55.1
	13	4 17 27.79	0 15.88	17 3 1.7	0 32.7	9.798 164	8 689	10 51.3
	14	4 17 43.67	0 33.79	17 2 29.0	1 23.2	9.806 853	9 044	10 47.7
	15	4 18 17.46	0 51.87	17 3 52.2	3 16.2	9.815 897	9 355	10 44.5
	16	4 19 9.33	1 10.08	17 7 8.4	5 5.0	9.825 252	9 621	10 41.6
	17	4 20 19.41	1 28.29	17 12 13.4	6 48.8	9.834 873	9 847	10 38.9
	18	4 21 47.70	1 46.47	+17 19 2.2	8 27.2	9.844 720	10 037	10 36.6
	19	4 23 34.17	2 4.62	17 27 29.4	9 59.7	9.854 757	10 192	10 34.6
	20	4 25 38.79	2 22.68	17 37 29.1	11 25.8	9.864 949	10 315	10 32.8
	21	4 28 1.47	2 40.64	17 48 54.9	12 45.2	9.875 264	10 407	10 31.4
	22	4 30 42.11	2 58.53	18 1 40.1	13 57.2	9.885 671	10 473	10 30.2
	23	4 33 40.64	3 16.33	18 15 37.3	15 2.3	9.896 144	10 511	10 29.4
	24	4 36 56.97	3 34.06	+18 30 39.6	15 59.3	9.906 655	10 525	10 28.9
	25	4 40 31.03	3 51.72	18 46 38.9	16 48.8	9.917 180	10 517	10 28.7
	26	4 44 22.75	4 9.36	19 3 27.7	17 29.8	9.927 697	10 484	10 28.7
	27	4 48 32.11	4 26.93	19 20 57.5	18 2.5	9.938 181	10 432	10 29.0
	28	4 52 59.04	4 44.49	19 39 0.0	18 26.5	9.948 613	10 357	10 29.7
	29	4 57 43.53	5 2.05	19 57 26.5	18 41.3	9.958 970	10 259	10 30.6
	30	5 2 45.58	5 19.57	+20 16 7.8	18 46.8	9.969 229	10 142	10 31.8
Juli	1	5 8 5.15	5 37.07	20 34 54.6	18 42.4	9.979 371	10 001	10 33.3
	2	5 13 42.22	5 54.54	20 53 37.0	18 28.0	9.989 372	9 837	10 35.1
	3	5 19 36.76	6 11.91	21 12 5.0	18 2.8	9.999 209	9 652	10 37.2
	4	5 25 48.67	6 29.16	21 30 7.8	17 26.8	0.008 861	9 439	10 39.6
	5	5 32 17.83	6 46.21	21 47 34.6	16 39.2	0.018 300	9 203	10 42.3
	6	5 39 4.04	7 2.99	+22 4 13.8	15 40.1	0.027 503	8 940	10 45.3
	7	5 46 7.03	7 19.39	22 19 53.9	14 29.1	0.036 443	8 651	10 48.5
	8	5 53 26.42	7 35.26	22 34 23.0	13 5.8	0.045 094	8 333	10 52.0
	9	6 1 1.68	7 50.48	22 47 28.8	11 30.6	0.053 427	7 989	10 55.8
	10	6 8 52.16	8 4.89	22 58 59.4	9 43.4	0.061 416	7 616	10 59.8
	11	6 16 57.05	8 18.32	23 8 42.8	7 44.9	0.069 032	7 217	11 4.0
	12	6 25 15.37	8 30.57	+23 16 27.7	5 35.6	0.076 249	6 793	11 8.5
	13	6 33 45.94	8 41.48	23 22 3.3	3 16.8	0.083 042	6 346	11 13.2
	14	6 42 27.42	8 50.90	23 25 20.1	0 49.4	0.089 388	5 881	11 18.0
	15	6 51 18.32	8 58.70	23 26 9.5	1 44.7	0.095 269	5 399	11 23.0
	16	7 0 17.02	9 4.76	23 24 24.8	4 24.1	0.100 668	4 905	11 28.1
	17	7 9 21.78	9 9.03	23 20 0.7	7 6.5	0.105 573	4 406	11 33.3
	18	7 18 30.81	9 11.48	+23 12 54.2	9 50.5	0.109 979	3 905	11 38.6
	19	7 27 42.29	9 12.16	23 3 3.7	12 33.4	0.113 884	3 406	11 43.8
	20	7 36 54.45	9 11.12	22 50 30.3	15 14.0	0.117 290	2 915	11 49.1
	21	7 46 5.57	9 8.49	22 35 16.3	17 50.2	0.120 205	2 437	11 54.3
	22	7 55 14.06	9 4.40	22 17 26.1	20 20.9	0.122 642	1 973	11 59.5
	23	8 4 18.46		+21 57 5.2		0.124 615		12 4.6

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Juli	23	8 4 18.46	8 59.00	+21 57 5.2	22 44.4	0.124 615	1 529	12 4.6
	24	8 13 17.46	8 52.50	21 34 20.8	25 0.2	0.126 144	1 105	12 9.6
	25	8 22 9.96	8 45.05	21 9 20.6	27 7.4	0.127 249	704	12 14.5
	26	8 30 55.01	8 36.83	20 42 13.2	29 5.8	0.127 953	323	12 19.3
	27	8 39 31.84	8 28.02	20 13 7.4	30 55.0	0.128 276	32	12 23.9
	28	8 47 59.86	8 18.76	19 42 12.4	32 35.0	0.128 244	366	12 28.4
	29	8 56 18.62	8 9.19	+19 9 37.4	34 6.1	0.127 878	678	12 32.7
	30	9 4 27.81	7 59.41	18 35 31.3	35 28.5	0.127 200	969	12 36.8
	31	9 12 27.22	7 49.56	18 0 2.8	36 42.5	0.126 231	1 240	12 40.8
Aug.	1	9 20 16.78	7 39.69	17 23 20.3	37 48.6	0.124 991	1 493	12 44.6
	2	9 27 56.47	7 29.91	16 45 31.7	38 47.2	0.123 498	1 728	12 48.2
	3	9 35 26.38	7 20.22	16 6 44.5	39 38.6	0.121 770	1 949	12 51.7
	4	9 42 46.60	7 10.73	+15 27 5.9	40 23.7	0.119 821	2 156	12 55.0
	5	9 49 57.33	7 1.41	14 46 42.2	41 2.3	0.117 665	2 351	12 58.2
	6	9 56 58.74	6 52.30	14 5 39.9	41 35.2	0.115 314	2 533	13 1.2
	7	10 3 51.04	6 43.45	13 24 4.7	42 2.9	0.112 781	2 708	13 4.0
	8	10 10 34.49	6 34.84	12 42 1.8	42 25.4	0.110 073	2 872	13 6.7
	9	10 17 9.33	6 26.46	11 59 36.4	42 43.4	0.107 201	3 030	13 9.3
	10	10 23 35.79	6 18.34	+11 16 53.0	42 56.8	0.104 171	3 181	13 11.7
	11	10 29 54.13	6 10.43	10 33 56.2	43 6.4	0.100 990	3 328	13 14.0
	12	10 36 4.56	6 2.79	9 50 49.8	43 12.0	0.097 662	3 469	13 16.2
	13	10 42 7.35	5 55.33	9 7 37.8	43 14.1	0.094 193	3 609	13 18.2
	14	10 48 2.68	5 48.08	8 24 23.7	43 12.6	0.090 584	3 745	13 20.1
	15	10 53 50.76	5 41.03	7 41 11.1	43 8.0	0.086 839	3 878	13 21.9
	16	10 59 31.79	5 34.13	+ 6 58 3.1	43 0.2	0.082 961	4 011	13 23.6
	17	11 5 5.92	5 27.40	6 15 2.9	42 49.5	0.078 950	4 144	13 25.2
	18	11 10 33.32	5 20.79	5 32 13.4	42 35.9	0.074 806	4 275	13 26.7
	19	11 15 54.11	5 14.28	4 49 37.5	42 19.5	0.070 531	4 408	13 28.0
	20	11 21 8.39	5 7.86	4 7 18.0	42 0.4	0.066 123	4 541	13 29.2
	21	11 26 16.25	5 1.53	3 25 17.6	41 38.6	0.061 582	4 676	13 30.4
	22	11 31 17.78	4 55.20	+ 2 43 39.0	41 14.0	0.056 906	4 812	13 31.4
	23	11 36 12.98	4 48.90	2 2 25.0	40 46.9	0.052 094	4 952	13 32.3
	24	11 41 1.88	4 42.59	1 21 38.1	40 16.8	0.047 142	5 092	13 33.1
	25	11 45 44.47	4 36.24	0 41 21.3	39 44.3	0.042 050	5 236	13 33.8
	26	11 50 20.71	4 29.79	+ 0 1 37.0	39 8.9	0.036 814	5 383	13 34.4
	27	11 54 50.50	4 23.24	− 0 37 31.9	38 30.2	0.031 431	5 532	13 34.9
	28	11 59 13.74	4 16.56	− 1 16 2.1	37 48.8	0.025 899	5 686	13 35.3
	29	12 3 30.30	4 9.69	1 53 50.9	37 4.2	0.020 213	5 841	13 35.6
	30	12 7 39.99	4 2.60	2 30 55.1	36 16.2	0.014 372	6 001	13 35.7
	31	12 11 42.59	3 55.24	3 7 11.3	35 24.6	0.008 371	6 164	13 35.7
Sept.	1	12 15 37.83	3 47.56	3 42 35.9	34 29.2	0.002 207	6 329	13 35.6
	2	12 19 25.39		− 4 17 5.1		9.995 878		13 35.4

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Sept.	2	12 19 25.39	3 39.54	− 4 17 5.1	33 29.9	9.995 878	6 497	13 35.4
	3	12 23 4.93	3 31.10	4 50 35.0	32 25.9	9.989 381	6 667	13 35.1
	4	12 26 36.03	3 22.17	5 23 0.9	31 17.4	9.982 714	6 839	13 34.6
	5	12 29 58.20	3 12.73	5 54 18.3	30 3.4	9.975 875	7 011	13 33.9
	6	12 33 10.93	3 2.67	6 24 21.7	28 44.1	9.968 864	7 184	13 33.1
	7	12 36 13.60	2 51.97	6 53 5.8	27 18.4	9.961 680	7 353	13 32.1
	8	12 39 5.57	2 40.49	− 7 20 24.2	25 46.0	9.954 327	7 519	13 30.9
	9	12 41 46.06	2 28.21	7 46 10.2	24 5.9	9.946 808	7 679	13 29.5
	10	12 44 14.27	2 15.04	8 10 16.1	22 18.0	9.939 129	7 831	13 27.9
	11	12 46 29.31	2 0.87	8 32 34.1	20 20.9	9.931 298	7 970	13 26.1
	12	12 48 30.18	1 45.69	8 52 55.0	18 14.0	9.923 328	8 092	13 24.0
	13	12 50 15.87	1 29.36	9 11 9.0	15 56.6	9.915 236	8 192	13 21.7
	14	12 51 45.23	1 11.88	− 9 27 5.6	13 27.5	9.907 044	8 266	13 19.1
	15	12 52 57.11	0 53.22	9 40 33.1	10 45.9	9.898 778	8 304	13 16.2
	16	12 53 50.33	0 33.30	9 51 19.0	7 51.2	9.890 474	8 298	13 13.0
	17	12 54 23.63	0 12.23	9 59 10.2	4 42.7	9.882 176	8 240	13 9.5
	18	12 54 35.86	0 9.99	10 3 52.9	1 19.7	9.873 936	8 118	13 5.5
	19	12 54 25.87	0 33.17	10 5 12.6	2 17.5	9.865 818	7 917	13 1.2
	20	12 53 52.70	0 57.13	−10 2 55.1	6 8.6	9.857 901	7 629	12 56.5
	21	12 52 55.57	1 21.56	9 56 46.5	10 12.1	9.850 272	7 235	12 51.4
	22	12 51 34.01	1 46.07	9 46 34.4	14 26.0	9.843 037	6 724	12 45.9
	23	12 49 47.94	2 10.14	9 32 8.4	18 46.7	9.836 313	6 082	12 40.0
	24	12 47 37.80	2 33.13	9 13 21.7	23 9.6	9.830 231	5 298	12 33.7
	25	12 45 4.67	2 54.34	8 50 12.1	27 28.3	9.824 933	4 365	12 27.0
	26	12 42 10.33	3 12.91	− 8 22 43.8	31 35.2	9.820 568	3 279	12 20.0
	27	12 38 57.42	3 28.02	7 51 8.6	35 21.2	9.817 289	2 049	12 12.8
	28	12 35 29.40	3 38.80	7 15 47.4	38 36.9	9.815 240	686	12 5.3
	29	12 31 50.60	3 44.51	6 37 10.5	41 12.0	9.814 554	788	11 57.7
	30	12 28 6.09	3 44.54	5 55 58.5	42 57.9	9.815 342	2 339	11 50.1
Okt.	1	12 24 21.55	3 38.49	5 13 0.6	43 47.5	9.817 681	3 929	11 42.5
	2	12 20 43.06	3 26.28	− 4 29 13.1	43 35.7	9.821 610	5 513	11 35.0
	3	12 17 16.78	3 8.07	3 45 37.4	42 21.3	9.827 123	7 045	11 27.8
	4	12 14 8.71	2 44.34	3 3 16.1	40 6.1	9.834 168	8 480	11 20.9
	5	12 11 24.37	2 15.82	2 23 10.0	36 55.4	9.842 648	9 779	11 14.5
	6	12 9 8.55	1 43.43	1 46 14.6	32 56.3	9.852 427	10 912	11 8.6
	7	12 7 25.12	1 8.20	1 13 18.3	28 18.5	9.863 339	11 857	11 3.2
	8	12 6 16.92	0 31.18	− 0 44 59.8	23 11.9	9.875 196	12 604	10 58.4
	9	12 5 45.74	0 6.59	0 21 47.9	17 47.2	9.887 800	13 150	10 54.2
	10	12 5 52.33	0 44.17	− 0 4 0.7	12 13.5	9.900 950	13 500	10 50.7
	11	12 6 36.50	1 20.73	+ 0 8 12.8	6 39.9	9.914 450	13 670	10 47.8
	12	12 7 57.23	1 55.61	0 14 52.7	1 13.7	9.928 120	13 679	10 45.4
	13	12 9 52.84		+ 0 16 6.4		9.941 799		10 43.6

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Okt.	13	12 9 52.84	2 28.30	+ 0 16 6.4	3 59.2	9.941 799	13 542	10 43.6
	14	12 12 21.14	2 58.47	0 12 7.2	8 54.3	9.955 341	13 287	10 42.4
	15	12 15 19.61	3 25.89	+ 0 3 12.9	13 28.1	9.968 628	12 931	10 41.7
	16	12 18 45.50	3 50.50	− 0 10 15.2	17 38.7	9.981 559	12 499	10 41.4
	17	12 22 36.00	4 12.30	0 27 53.9	21 25.1	9.994 058	12 011	10 41.4
	18	12 26 48.30	4 31.39	0 49 19.0	24 46.8	0.006 069	11 479	10 41.8
	19	12 31 19.69	4 47.96	− 1 14 5.8	27 44.6	0.017 548	10 925	10 42.5
	20	12 36 7.65	5 2.20	1 41 50.4	30 18.8	0.028 473	10 357	10 43.5
	21	12 41 9.85	5 14.30	2 12 9.2	32 31.4	0.038 830	9 786	10 44.7
	22	12 46 24.15	5 24.56	2 44 40.6	34 23.7	0.048 616	9 221	10 46.1
	23	12 51 48.71	5 33.16	3 19 4.3	35 57.0	0.057 837	8 670	10 47.6
	24	12 57 21.87	5 40.33	3 55 1.3	37 13.6	0.066 507	8 135	10 49.2
	25	13 3 2.20	5 46.28	− 4 32 14.9	38 14.6	0.074 642	7 618	10 51.0
	26	13 8 48.48	5 51.21	5 10 29.5	39 2.0	0.082 260	7 124	10 52.9
	27	13 14 39.69	5 55.26	5 49 31.5	39 37.0	0.089 384	6 654	10 54.9
	28	13 20 34.95	5 58.60	6 29 8.5	40 1.1	0.096 038	6 205	10 56.9
	29	13 26 33.55	6 1.36	7 9 9.6	40 15.8	0.102 243	5 780	10 58.9
	30	13 32 34.91	6 3.64	7 49 25.4	40 21.9	0.108 023	5 378	11 1.0
	31	13 38 38.55	6 5.55	− 8 29 47.3	40 20.4	0.113 401	4 997	11 3.2
Nov.	1	13 44 44.10	6 7.14	9 10 7.7	40 12.3	0.118 398	4 637	11 5.3
	2	13 50 51.24	6 8.52	9 50 20.0	39 58.4	0.123 035	4 295	11 7.5
	3	13 56 59.76	6 9.74	10 30 18.4	39 39.4	0.127 330	3 972	11 9.7
	4	14 3 9.50	6 10.81	11 9 57.8	39 15.8	0.131 302	3 666	11 12.0
	5	14 9 20.31	6 11.80	11 49 13.6	38 48.0	0.134 968	3 374	11 14.2
	6	14 15 32.11	6 12.75	−12 28 1.6	38 16.7	0.138 342	3 098	11 16.5
	7	14 21 44.86	6 13.66	13 6 18.3	37 42.1	0.141 440	2 835	11 18.8
	8	14 27 58.52	6 14.59	13 44 0.4	37 4.5	0.144 275	2 584	11 21.1
	9	14 34 13.11	6 15.50	14 21 4.9	36 24.3	0.146 859	2 343	11 23.4
	10	14 40 28.61	6 16.47	14 57 29.2	35 41.9	0.149 202	2 113	11 25.7
	11	14 46 45.08	6 17.46	15 33 11.1	34 56.9	0.151 315	1 891	11 28.0
	12	14 53 2.54	6 18.49	−16 8 8.0	34 10.0	0.153 206	1 679	11 30.4
	13	14 59 21.03	6 19.59	16 42 18.0	33 21.4	0.154 885	1 473	11 32.8
	14	15 5 40.62	6 20.72	17 15 39.4	32 30.6	0.156 358	1 273	11 35.2
	15	15 12 1.34	6 21.92	17 48 10.0	31 38.4	0.157 631	1 080	11 37.6
	16	15 18 23.26	6 23.17	18 19 48.4	30 44.6	0.158 711	892	11 40.0
	17	15 24 46.43	6 24.49	18 50 33.0	29 49.0	0.159 603	707	11 42.5
	18	15 31 10.92	6 25.83	−19 20 22.0	28 52.1	0.160 310	528	11 45.0
	19	15 37 36.75	6 27.25	19 49 14.1	27 53.7	0.160 838	350	11 47.5
	20	15 44 4.00	6 28.68	20 17 7.8	26 53.8	0.161 188	175	11 50.0
	21	15 50 32.68	6 30.18	20 44 1.6	25 52.5	0.161 363	3	11 52.5
	22	15 57 2.86	6 31.70	21 9 54.1	24 49.6	0.161 366	$\overline{168}$	11 55.1
	23	16 3 34.56		−21 34 43.7		0.161 198		11 57.7

Tag		Scheinbare Rektaszension (0h Welt-Zeit)	Diff.	Scheinbare Deklination (0h Welt-Zeit)	Diff.	log Δ (0h Welt-Zeit)	Diff.	Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Nov.	23	16 3 34.56	6 33.23	−21 34 43.7	23 45.7	0.161 198	339	11 57.7
	24	16 10 7.79	6 34.78	21 58 29.4	22 40.0	0.160 859	510	12 0.3
	25	16 16 42.57	6 36.35	22 21 9.4	21 33.3	0.160 349	679	12 3.0
	26	16 23 18.92	6 37.91	22 42 42.7	20 25.1	0.159 670	849	12 5.7
	27	16 29 56.83	6 39.47	23 3 7.8	19 15.3	0.158 821	1 022	12 8.4
	28	16 36 36.30	6 40.99	23 22 23.1	18 4.3	0.157 799	1 195	12 11.1
	29	16 43 17.29	6 42.46	−23 40 27.4	16 52.0	0.156 604	1 372	12 13.9
	30	16 49 59.75	6 43.91	23 57 19.4	15 37.9	0.155 232	1 552	12 16.7
Dez.	1	16 56 43.66	6 45.27	24 12 57.3	14 22.8	0.153 680	1 734	12 19.5
	2	17 3 28.93	6 46.56	24 27 20.1	13 6.1	0.151 946	1 921	12 22.3
	3	17 10 15.49	6 47.73	24 40 26.2	11 48.1	0.150 025	2 113	12 25.2
	4	17 17 3.22	6 48.79	24 52 14.3	10 28.7	0.147 912	2 310	12 28.0
	5	17 23 52.01	6 49.70	−25 2 43.0	9 7.8	0.145 602	2 513	12 30.9
	6	17 30 41.71	6 50.44	25 11 50.8	7 45.8	0.143 089	2 723	12 33.8
	7	17 37 32.15	6 50.98	25 19 36.6	6 22.5	0.140 366	2 941	12 36.7
	8	17 44 23.13	6 51.29	25 25 59.1	4 58.0	0.137 425	3 166	12 39.6
	9	17 51 14.42	6 51.35	25 30 57.1	3 32.0	0.134 259	3 401	12 42.5
	10	17 58 5.77	6 51.12	25 34 29.1	2 5.3	0.130 858	3 646	12 45.5
	11	18 4 56.89	6 50.57	−25 36 34.4	0 37.6	0.127 212	3 902	12 48.4
	12	18 11 47.46	6 49.63	25 37 12.0	0 51.3	0.123 310	4 168	12 51.3
	13	18 18 37.09	6 48.28	25 36 20.7	2 20.5	0.119 142	4 448	12 54.2
	14	18 25 25.37	6 46.46	25 34 0.2	3 50.4	0.114 694	4 742	12 57.0
	15	18 32 11.83	6 44.09	25 30 9.8	5 20.6	0.109 952	5 050	12 59.8
	16	18 38 55.92	6 41.13	25 24 49.2	6 50.9	0.104 902	5 374	13 2.6
	17	18 45 37.05	6 37.50	−25 17 58.3	8 20.7	0.099 528	5 714	13 5.3
	18	18 52 14.55	6 33.07	25 9 37.6	9 50.1	0.093 814	6 071	13 8.0
	19	18 58 47.62	6 27.81	24 59 47.5	11 18.3	0.087 743	6 447	13 10.5
	20	19 5 15.43	6 21.55	24 48 29.2	12 44.9	0.081 296	6 842	13 13.0
	21	19 11 36.98	6 14.18	24 35 44.3	14 9.5	0.074 454	7 256	13 15.4
	22	19 17 51.16	6 5.58	24 21 34.8	15 30.9	0.067 198	7 689	13 17.6
	23	19 23 56.74	5 55.54	−24 6 3.9	16 48.7	0.059 509	8 141	13 19.6
	24	19 29 52.28	5 43.92	23 49 15.2	18 1.9	0.051 368	8 611	13 21.5
	25	19 35 36.20	5 30.52	23 31 13.3	19 9.2	0.042 757	9 096	13 23.2
	26	19 41 6.72	5 15.08	23 12 4.1	20 9.9	0.033 661	9 594	13 24.6
	27	19 46 21.80	4 57.42	22 51 54.2	21 1.9	0.024 067	10 101	13 25.8
	28	19 51 19.22	4 37.23	22 30 52.3	21 44.0	0.013 966	10 609	13 26.6
	29	19 55 56.45	4 14.31	−22 9 8.3	22 14.9	0.003 357	11 110	13 27.1
	30	20 0 10.76	3 48.38	21 46 53.4	22 32.3	9.992 247	11 594	13 27.1
	31	20 3 59.14	3 19.25	21 24 21.1	22 35.2	9.980 653	12 047	13 26.7
	32	20 7 18.39		−21 1 45.9		9.968 606		13 25.8

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	15 36 7.90	4 46.29	−16 48 59.7	17 26.7	9.997 0667	3 0522	9 2.5
	1	15 40 54.19	4 47.58	17 6 26.4	17 4.9	0.000 1189	3 0221	9 3.3
	2	15 45 41.77	4 48.88	17 23 31.3	16 42.4	0.003 1410	2 9923	9 4.2
	3	15 50 30.65	4 50.16	17 40 13.7	16 19.0	0.006 1333	2 9631	9 5.0
	4	15 55 20.81	4 51.44	17 56 32.7	15 55.1	0.009 0964	2 9342	9 5.9
	5	16 0 12.25	4 52.71	18 12 27.8	15 30.1	0.012 0306	2 9058	9 6.9
	6	16 5 4.96	4 53.96	−18 27 57.9	15 4.6	0.014 9364	2 8775	9 7.8
	7	16 9 58.92	4 55.20	18 43 2.5	14 38.3	0.017 8139	2 8496	9 8.8
	8	16 14 54.12	4 56.43	18 57 40.8	14 11.2	0.020 6635	2 8221	9 9.8
	9	16 19 50.55	4 57.64	19 11 52.0	13 43.5	0.023 4856	2 7947	9 10.8
	10	16 24 48.19	4 58.82	19 25 35.5	13 15.0	0.026 2803	2 7676	9 11.8
	11	16 29 47.01	5 0.00	19 38 50.5	12 45.9	0.029 0479	2 7408	9 12.8
	12	16 34 47.01	5 1.13	−19 51 36.4	12 15.9	0.031 7887	2 7140	9 13.9
	13	16 39 48.14	5 2.24	20 3 52.3	11 45.4	0.034 5027	2 6874	9 15.0
	14	16 44 50.38	5 3.31	20 15 37.7	11 14.2	0.037 1901	2 6612	9 16.1
	15	16 49 53.69	5 4.37	20 26 51.9	10 42.5	0.039 8513	2 6352	9 17.2
	16	16 54 58.06	5 5.37	20 37 34.4	10 10.0	0.042 4865	2 6094	9 18.4
	17	17 0 3.43	5 6.34	20 47 44.4	9 37.1	0.045 0959	2 5838	9 19.5
	18	17 5 9.77	5 7.27	−20 57 21.5	9 3.5	0.047 6797	2 5584	9 20.7
	19	17 10 17.04	5 8.16	21 6 25.0	8 29.5	0.050 2381	2 5332	9 21.9
	20	17 15 25.20	5 9.01	21 14 54.5	7 54.9	0.052 7713	2 5084	9 23.1
	21	17 20 34.21	5 9.80	21 22 49.4	7 19.8	0.055 2797	2 4836	9 24.3
	22	17 25 44.01	5 10.56	21 30 9.2	6 44.4	0.057 7633	2 4593	9 25.5
	23	17 30 54.57	5 11.26	21 36 53.6	6 8.4	0.060 2226	2 4353	9 26.7
	24	17 36 5.83	5 11.90	−21 43 2.0	5 32.1	0.062 6579	2 4115	9 28.0
	25	17 41 17.73	5 12.49	21 48 34.1	4 55.3	0.065 0694	2 3881	9 29.2
	26	17 46 30.22	5 13.04	21 53 29.4	4 18.3	0.067 4575	2 3651	9 30.5
	27	17 51 43.26	5 13.54	21 57 47.7	3 41.1	0.069 8226	2 3424	9 31.8
	28	17 56 56.80	5 13.97	22 1 28.8	3 3.5	0.072 1650	2 3201	9 33.1
	29	18 2 10.77	5 14.35	22 4 32.3	2 25.6	0.074 4851	2 2982	9 34.4
	30	18 7 25.12	5 14.69	−22 6 57.9	1 47.5	0.076 7833	2 2765	9 35.7
	31	18 12 39.81	5 14.97	22 8 45.4	1 9.3	0.079 0598	2 2552	9 37.0
Febr.	1	18 17 54.78	5 15.21	22 9 54.7	0 30.8	0.081 3150	2 2343	9 38.3
	2	18 23 9.99	5 15.38	22 10 25.5	0 7.8	0.083 5493	2 2136	9 39.6
	3	18 28 25.37	5 15.51	22 10 17.7	0 46.6	0.085 7629	2 1931	9 40.9
	4	18 33 40.88	5 15.59	22 9 31.1	1 25.3	0.087 9560	2 1729	9 42.3
	5	18 38 56.47	5 15.62	−22 8 5.8	2 4.3	0.090 1289	2 1528	9 43.6
	6	18 44 12.09	5 15.59	22 6 1.5	2 43.1	0.092 2817	2 1330	9 44.9
	7	18 49 27.68	5 15.51	22 3 18.4	3 22.0	0.094 4147	2 1132	9 46.2
	8	18 54 43.19	5 15.38	21 59 56.4	4 0.8	0.096 5279	2 0936	9 47.5
	9	18 59 58.57	5 15.19	21 55 55.6	4 39.5	0.098 6215	2 0742	9 48.8
	10	19 5 13.76		−21 51 16.1		0.100 6957		9 50.1

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Febr.	10	19 5 13.76	5 14.97	−21 51 16.1	5 18.3	0.100 6957	2 0548	9 50.1
	11	19 10 28.73	5 14.68	21 45 57.8	5 56.7	0.102 7505	2 0356	9 51.4
	12	19 15 43.41	5 14.35	21 40 1.1	6 35.2	0.104 7861	2 0166	9 52.7
	13	19 20 57.76	5 13.96	21 33 25.9	7 13.4	0.106 8027	1 9975	9 54.0
	14	19 26 11.72	5 13.53	21 26 12.5	7 51.3	0.108 8002	1 9787	9 55.3
	15	19 31 25.25	5 13.05	21 18 21.2	8 29.1	0.110 7789	1 9599	9 56.6
	16	19 36 38.30	5 12.52	−21 9 52.1	9 6.6	0.112 7388	1 9412	9 57.9
	17	19 41 50.82	5 11.95	21 0 45.5	9 43.7	0.114 6800	1 9226	9 59.2
	18	19 47 2.77	5 11.35	20 51 1.8	10 20.5	0.116 6026	1 9041	10 0.4
	19	19 52 14.12	5 10.69	20 40 41.3	10 57.0	0.118 5067	1 8857	10 1.7
	20	19 57 24.81	5 9.99	20 29 44.3	11 33.1	0.120 3924	1 8676	10 2.9
	21	20 2 34.80	5 9.25	20 18 11.2	12 8.7	0.122 2600	1 8495	10 4.1
	22	20 7 44.05	5 8.48	−20 6 2.5	12 43.8	0.124 1095	1 8317	10 5.3
	23	20 12 52.53	5 7.68	19 53 18.7	13 18.6	0.125 9412	1 8140	10 6.5
	24	20 18 0.21	5 6.84	19 40 0.1	13 52.9	0.127 7552	1 7965	10 7.7
	25	20 23 7.05	5 5.96	19 26 7.2	14 26.7	0.129 5517	1 7793	10 8.9
	26	20 28 13.01	5 5.08	19 11 40.5	15 0.0	0.131 3310	1 7623	10 10.0
	27	20 33 18.09	5 4.15	18 56 40.5	15 32.8	0.133 0933	1 7455	10 11.1
	28	20 38 22.24	5 3.23	−18 41 7.7	16 4.9	0.134 8388	1 7291	10 12.3
	29	20 43 25.47	5 2.27	18 25 2.8	16 36.6	0.136 5679	1 7128	10 13.4
März	1	20 48 27.74	5 1.30	18 8 26.2	17 7.7	0.138 2807	1 6968	10 14.5
	2	20 53 29.04	5 0.32	17 51 18.5	17 38.3	0.139 9775	1 6808	10 15.5
	3	20 58 29.36	4 59.34	17 33 40.2	18 8.2	0.141 6583	1 6651	10 16.6
	4	21 3 28.70	4 58.35	17 15 32.0	18 37.6	0.143 3234	1 6494	10 17.6
	5	21 8 27.05	4 57.34	−16 56 54.4	19 6.5	0.144 9728	1 6339	10 18.6
	6	21 13 24.39	4 56.35	16 37 47.9	19 34.6	0.146 6067	1 6185	10 19.6
	7	21 18 20.74	4 55.34	16 18 13.3	20 2.2	0.148 2252	1 6033	10 20.6
	8	21 23 16.08	4 54.35	15 58 11.1	20 29.2	0.149 8285	1 5880	10 21.6
	9	21 28 10.43	4 53.34	15 37 41.9	20 55.5	0.151 4165	1 5728	10 22.6
	10	21 33 3.77	4 52.35	15 16 46.4	21 21.1	0.152 9893	1 5577	10 23.5
	11	21 37 56.12	4 51.37	−14 55 25.3	21 46.2	0.154 5470	1 5427	10 24.4
	12	21 42 47.49	4 50.39	14 33 39.1	22 10.4	0.156 0897	1 5276	10 25.3
	13	21 47 37.88	4 49.42	14 11 28.7	22 34.1	0.157 6173	1 5125	10 26.2
	14	21 52 27.30	4 48.47	13 48 54.6	22 57.1	0.159 1298	1 4974	10 27.1
	15	21 57 15.77	4 47.52	13 25 57.5	23 19.4	0.160 6272	1 4824	10 28.0
	16	22 2 3.29	4 46.59	13 2 38.1	23 41.0	0.162 1096	1 4674	10 28.8
	17	22 6 49.88	4 45.67	−12 38 57.1	24 1.9	0.163 5770	1 4523	10 29.6
	18	22 11 35.55	4 44.78	12 14 55.2	24 22.2	0.165 0293	1 4373	10 30.4
	19	22 16 20.33	4 43.89	11 50 33.0	24 41.6	0.166 4666	1 4223	10 31.2
	20	22 21 4.22	4 43.03	11 25 51.4	25 0.4	0.167 8889	1 4073	10 32.0
	21	22 25 47.25	4 42.17	11 0 51.0	25 18.4	0.169 2962	1 3923	10 32.8
	22	22 30 29.42		−10 35 32.6		0.170 6885		10 33.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	m s	° ′ ″	′ ″			h m
März 22	22 30 29.42	4 41.35	−10 35 32.6	25 35.8	0.170 6885	1 3775	10 33.6
23	22 35 10.77	4 40.55	10 9 56.8	25 52.4	0.172 0660	1 3627	10 34.3
24	22 39 51.32	4 39.77	9 44 4.4	26 8.3	0.173 4287	1 3481	10 35.0
25	22 44 31.09	4 39.01	9 17 56.1	26 23.5	0.174 7768	1 3335	10 35.7
26	22 49 10.10	4 38.28	8 51 32.6	26 38.0	0.176 1103	1 3191	10 36.4
27	22 53 48.38	4 37.57	8 24 54.6	26 51.8	0.177 4294	1 3048	10 37.1
28	22 58 25.95	4 36.91	− 7 58 2.8	27 4.8	0.178 7342	1 2907	10 37.8
29	23 3 2.86	4 36.26	7 30 58.0	27 17.3	0.180 0249	1 2767	10 38.5
30	23 7 39.12	4 35.65	7 3 40.7	27 29.0	0.181 3016	1 2629	10 39.1
31	23 12 14.77	4 35.08	6 36 11.7	27 40.0	0.182 5645	1 2491	10 39.8
April 1	23 16 49.85	4 34.54	6 8 31.7	27 50.3	0.183 8136	1 2354	10 40.4
2	23 21 24.39	4 34.04	5 40 41.4	28 0.0	0.185 0490	1 2219	10 41.1
3	23 25 58.43	4 33.57	− 5 12 41.4	28 9.0	0.186 2709	1 2083	10 41.7
4	23 30 32.00	4 33.14	4 44 32.4	28 17.2	0.187 4792	1 1948	10 42.3
5	23 35 5.14	4 32.75	4 16 15.2	28 24.8	0.188 6740	1 1812	10 42.9
6	23 39 37.89	4 32.39	3 47 50.4	28 31.8	0.189 8552	1 1678	10 43.5
7	23 44 10.28	4 32.08	3 19 18.6	28 38.0	0.191 0230	1 1542	10 44.1
8	23 48 42.36	4 31.80	2 50 40.6	28 43.6	0.192 1772	1 1408	10 44.7
9	23 53 14.16	4 31.56	− 2 21 57.0	28 48.5	0.193 3180	1 1273	10 45.3
10	23 57 45.72	4 31.36	1 53 8.5	28 52.7	0.194 4453	1 1138	10 45.9
11	0 2 17.08	4 31.21	1 24 15.8	28 56.2	0.195 5591	1 1002	10 46.4
12	0 6 48.29	4 31.08	0 55 19.6	28 59.0	0.196 6593	1 0866	10 47.0
13	0 11 19.37	4 31.00	− 0 26 20.6	29 1.1	0.197 7459	1 0730	10 47.6
14	0 15 50.37	4 30.96	+ 0 2 40.5	29 2.6	0.198 8189	1 0592	10 48.2
15	0 20 21.33	4 30.96	+ 0 31 43.1	29 3.2	0.199 8781	1 0454	10 48.7
16	0 24 52.29	4 30.99	1 0 46.3	29 3.2	0.200 9235	1 0316	10 49.3
17	0 29 23.28	4 31.06	1 29 49.5	29 2.6	0.201 9551	1 0176	10 49.9
18	0 33 54.34	4 31.18	1 58 52.1	29 1.2	0.202 9727	1 0036	10 50.5
19	0 38 25.52	4 31.33	2 27 53.3	28 59.0	0.203 9763	9896	10 51.0
20	0 42 56.85	4 31.51	2 56 52.3	28 56.3	0.204 9659	9756	10 51.6
21	0 47 28.36	4 31.72	+ 3 25 48.6	28 52.7	0.205 9415	9615	10 52.2
22	0 52 0.08	4 31.99	3 54 41.3	28 48.4	0.206 9030	9475	10 52.8
23	0 56 32.07	4 32.28	4 23 29.7	28 43.4	0.207 8505	9335	10 53.4
24	1 1 4.35	4 32.60	4 52 13.1	28 37.8	0.208 7840	9197	10 54.0
25	1 5 36.95	4 32.97	5 20 50.9	28 31.5	0.209 7037	9059	10 54.6
26	1 10 9.92	4 33.38	5 49 22.4	28 24.4	0.210 6096	8922	10 55.2
27	1 14 43.30	4 33.81	+ 6 17 46.8	28 16.7	0.211 5018	8785	10 55.8
28	1 19 17.11	4 34.29	6 46 3.5	28 8.2	0.212 3803	8649	10 56.4
29	1 23 51.40	4 34.81	7 14 11.7	27 59.1	0.213 2452	8514	10 57.1
30	1 28 26.21	4 35.36	7 42 10.8	27 49.2	0.214 0966	8379	10 57.7
Mai 1	1 33 1.57	4 35.96	8 10 0.0	27 38.6	0.214 9345	8244	10 58.4
2	1 37 37.53		+ 8 37 38.6		0.215 7589		10 59.0

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936	h m s	m s	° ′ ″	′ ″			h m
Mai 2	1 37 37.53	4 36.58	+ 8 37 38.6	27 27.4	0.215 7589	8110	10 59.0
3	1 42 14.11	4 37.23	9 5 6.0	27 15.5	0.216 5699	7975	10 59.7
4	1 46 51.34	4 37.93	9 32 21.5	27 2.8	0.217 3674	7840	11 0.4
5	1 51 29.27	4 38.66	9 59 24.3	26 49.4	0.218 1514	7706	11 1.1
6	1 56 7.93	4 39.43	10 26 13.7	26 35.4	0.218 9220	7572	11 1.8
7	2 0 47.36	4 40.22	10 52 49.1	26 20.6	0.219 6792	7436	11 2.5
8	2 5 27.58	4 41.06	+11 19 9.7	26 5.1	0.220 4228	7302	11 3.2
9	2 10 8.64	4 41.91	11 45 14.8	25 49.0	0.221 1530	7166	11 4.0
10	2 14 50.55	4 42.81	12 11 3.8	25 32.0	0.221 8696	7029	11 4.7
11	2 19 33.36	4 43.72	12 36 35.8	25 14.3	0.222 5725	6892	11 5.5
12	2 24 17.08	4 44.66	13 1 50.1	24 55.9	0.223 2617	6753	11 6.3
13	2 29 1.74	4 45.63	13 26 46.0	24 36.8	0.223 9370	6615	11 7.1
14	2 33 47.37	4 46.63	+13 51 22.8	24 16.9	0.224 5985	6475	11 8.0
15	2 38 34.00	4 47.64	14 15 39.7	23 56.4	0.225 2460	6333	11 8.8
16	2 43 21.64	4 48.67	14 39 36.1	23 35.0	0.225 8793	6192	11 9.6
17	2 48 10.31	4 49.72	15 3 11.1	23 12.9	0.226 4985	6049	11 10.5
18	2 53 0.03	4 50.78	15 26 24.0	22 50.2	0.227 1034	5905	11 11.4
19	2 57 50.81	4 51.86	15 49 14.2	22 26.6	0.227 6939	5761	11 12.3
20	3 2 42.67	4 52.94	+16 11 40.8	22 2.3	0.228 2700	5616	11 13.3
21	3 7 35.61	4 54.03	16 33 43.1	21 37.4	0.228 8316	5471	11 14.2
22	3 12 29.64	4 55.14	16 55 20.5	21 11.7	0.229 3787	5327	11 15.2
23	3 17 24.78	4 56.24	17 16 32.2	20 45.2	0.229 9114	5182	11 16.2
24	3 22 21.02	4 57.35	17 37 17.4	20 18.1	0.230 4296	5039	11 17.2
25	3 27 18.37	4 58.46	17 57 35.5	19 50.2	0.230 9335	4895	11 18.2
26	3 32 16.83	4 59.57	+18 17 25.7	19 21.8	0.231 4230	4753	11 19.2
27	3 37 16.40	5 0.68	18 36 47.5	18 52.6	0.231 8983	4610	11 20.3
28	3 42 17.08	5 1.79	18 55 40.1	18 22.7	0.232 3593	4467	11 21.4
29	3 47 18.87	5 2.89	19 14 2.8	17 52.2	0.232 8060	4326	11 22.5
30	3 52 21.76	5 3.99	19 31 55.0	17 20.9	0.233 2386	4185	11 23.6
31	3 57 25.75	5 5.07	19 49 15.9	16 49.1	0.233 6571	4043	11 24.7
Juni 1	4 2 30.82	5 6.15	+20 6 5.0	16 16.6	0.234 0614	3901	11 25.9
2	4 7 36.97	5 7.21	20 22 21.6	15 43.5	0.234 4515	3761	11 27.0
3	4 12 44.18	5 8.26	20 38 5.1	15 9.8	0.234 8276	3619	11 28.2
4	4 17 52.44	5 9.28	20 53 14.9	14 35.5	0.235 1895	3477	11 29.4
5	4 23 1.72	5 10.28	21 7 50.4	14 0.6	0.235 5372	3336	11 30.6
6	4 28 12.00	5 11.27	21 21 51.0	13 25.1	0.235 8708	3195	11 31.9
7	4 33 23.27	5 12.22	+21 35 16.1	12 49.1	0.236 1903	3052	11 33.2
8	4 38 35.49	5 13.16	21 48 5.2	12 12.4	0.236 4955	2910	11 34.4
9	4 43 48.65	5 14.06	22 0 17.6	11 35.3	0.236 7865	2768	11 35.7
10	4 49 2.71	5 14.93	22 11 52.9	10 57.7	0.237 0633	2624	11 37.0
11	4 54 17.64	5 15.76	22 22 50.6	10 19.6	0.237 3257	2478	11 38.3
12	4 59 33.40		+22 33 10.2		0.237 5735		11 39.7

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	m s	° ′ ″	′ ″			h m
Juni 12	4 59 33.40	5 16.55	+22 33 10.2	9 41.0	0.237 5735	2333	11 39.7
13	5 4 49.95	5 17.31	22 42 51.2	9 2.0	0.237 8068	2186	11 41.0
14	5 10 7.26	5 18.01	22 51 53.2	8 22.6	0.238 0254	2038	11 42.3
15	5 15 25.27	5 18.68	23 0 15.8	7 42.8	0.238 2292	1889	11 43.7
16	5 20 43.95	5 19.29	23 7 58.6	7 2.5	0.238 4181	1739	11 45.1
17	5 26 3.24	5 19.86	23 15 1.1	6 22.0	0.238 5920	1589	11 46.5
18	5 31 23.10	5 20.36	+23 21 23.1	5 41.2	0.238 7509	1439	11 47.9
19	5 36 43.46	5 20.82	23 27 4.3	5 0.0	0.238 8948	1289	11 49.3
20	5 42 4.28	5 21.21	23 32 4.3	4 18.6	0.239 0237	1138	11 50.7
21	5 47 25.49	5 21.56	23 36 22.9	3 37.0	0.239 1375	988	11 52.1
22	5 52 47.05	5 21.84	23 39 59.9	2 55.3	0.239 2363	839	11 53.5
23	5 58 8.89	5 22.07	23 42 55.2	2 13.3	0.239 3202	689	11 54.9
24	6 3 30.96	5 22.24	+23 45 8.5	1 31.1	0.239 3891	539	11 56.4
25	6 8 53.20	5 22.34	23 46 39.6	0 49.0	0.239 4430	391	11 57.8
26	6 14 15.54	5 22.39	23 47 28.6	0 6.7	0.239 4821	243	11 59.2
27	6 19 37.93	5 22.39	23 47 35.3	0 35.5	0.239 5064	94	12 0.7
28	6 25 0.32	5 22.32	23 46 59.8	1 17.9	0.239 5158	54	12 2.1
29	6 30 22.64	5 22.20	23 45 41.9	2 0.3	0.239 5104	201	12 3.5
30	6 35 44.84	5 22.01	+23 43 41.6	2 42.4	0.239 4903	347	12 4.9
Juli 1	6 41 6.85	5 21.79	23 40 59.2	3 24.7	0.239 4556	492	12 6.4
2	6 46 28.64	5 21.48	23 37 34.5	4 6.7	0.239 4064	637	12 7.8
3	6 51 50.12	5 21.14	23 33 27.8	4 48.7	0.239 3427	781	12 9.2
4	6 57 11.26	5 20.75	23 28 39.1	5 30.4	0.239 2646	925	12 10.6
5	7 2 32.01	5 20.29	23 23 8.7	6 12.0	0.239 1721	1071	12 12.0
6	7 7 52.30	5 19.79	+23 16 56.7	6 53.4	0.239 0650	1215	12 13.4
7	7 13 12.09	5 19.24	23 10 3.3	7 34.6	0.238 9435	1361	12 14.8
8	7 18 31.33	5 18.64	23 2 28.7	8 15.3	0.238 8074	1507	12 16.2
9	7 23 49.97	5 18.00	22 54 13.4	8 55.9	0.238 6567	1653	12 17.5
10	7 29 7.97	5 17.30	22 45 17.5	9 36.0	0.238 4914	1799	12 18.9
11	7 34 25.27	5 16.57	22 35 41.5	10 16.0	0.238 3115	1946	12 20.2
12	7 39 41.84	5 15.78	+22 25 25.5	10 55.4	0.238 1169	2094	12 21.5
13	7 44 57.62	5 14.97	22 14 30.1	11 34.5	0.237 9075	2243	12 22.8
14	7 50 12.59	5 14.10	22 2 55.6	12 13.0	0.237 6832	2392	12 24.1
15	7 55 26.69	5 13.21	21 50 42.6	12 51.3	0.237 4440	2542	12 25.4
16	8 0 39.90	5 12.28	21 37 51.3	13 28.9	0.237 1898	2693	12 26.7
17	8 5 52.18	5 11.32	21 24 22.4	14 6.0	0.236 9205	2843	12 28.0
18	8 11 3.50	5 10.31	+21 10 16.4	14 42.7	0.236 6362	2994	12 29.2
19	8 16 13.81	5 9.29	20 55 33.7	15 18.7	0.236 3368	3144	12 30.4
20	8 21 23.10	5 8.23	20 40 15.0	15 54.2	0.236 0224	3294	12 31.6
21	8 26 31.33	5 7.15	20 24 20.8	16 29.1	0.235 6930	3444	12 32.8
22	8 31 38.48	5 6.04	20 7 51.7	17 3.5	0.235 3486	3593	12 34.0
23	8 36 44.52		+19 50 48.2		0.234 9893		12 35.1

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936	h m s	m s	° ′ ″	′ ″			h m
Juli 23	8 36 44.52	5 4.93	+19 50 48.2	17 37.2	0.234 9893	3743	12 35.1
24	8 41 49.45	5 3.79	19 33 11.0	18 10.2	0.234 6150	3891	12 36.3
25	8 46 53.24	5 2.64	19 15 0.8	18 42.7	0.234 2259	4039	12 37.4
26	8 51 55.88	5 1.49	18 56 18.1	19 14.5	0.233 8220	4185	12 38.5
27	8 56 57.37	5 0.32	18 37 3.6	19 45.7	0.233 4035	4332	12 39.5
28	9 1 57.69	4 59.15	18 17 17.9	20 16.1	0.232 9703	4477	12 40.6
29	9 6 56.84	4 57.98	+17 57 1.8	20 46.0	0.232 5226	4622	12 41.6
30	9 11 54.82	4 56.81	17 36 15.8	21 15.1	0.232 0604	4766	12 42.6
31	9 16 51.63	4 55.63	17 15 0.7	21 43.5	0.231 5838	4909	12 43.6
Aug. 1	9 21 47.26	4 54.47	16 53 17.2	22 11.3	0.231 0929	5051	12 44.6
2	9 26 41.73	4 53.31	16 31 5.9	22 38.4	0.230 5878	5193	12 45.6
3	9 31 35.04	4 52.17	16 8 27.5	23 4.9	0.230 0685	5334	12 46.5
4	9 36 27.21	4 51.02	+15 45 22.6	23 30.5	0.229 5351	5474	12 47.4
5	9 41 18.23	4 49.91	15 21 52.1	23 55.5	0.228 9877	5616	12 48.3
6	9 46 8.14	4 48.81	14 57 56.6	24 19.9	0.228 4261	5757	12 49.2
7	9 50 56.95	4 47.73	14 33 36.7	24 43.4	0.227 8504	5897	12 50.1
8	9 55 44.68	4 46.67	14 8 53.3	25 6.4	0.227 2607	6039	12 50.9
9	10 0 31.35	4 45.63	13 43 46.9	25 28.5	0.226 6568	6181	12 51.7
10	10 5 16.98	4 44.60	+13 18 18.4	25 49.9	0.226 0387	6324	12 52.5
11	10 10 1.58	4 43.61	12 52 28.5	26 10.6	0.225 4063	6466	12 53.3
12	10 14 45.19	4 42.63	12 26 17.9	26 30.6	0.224 7597	6610	12 54.1
13	10 19 27.82	4 41.67	11 59 47.3	26 49.9	0.224 0987	6754	12 54.9
14	10 24 9.49	4 40.75	11 32 57.4	27 8.3	0.223 4233	6899	12 55.6
15	10 28 50.24	4 39.85	11 5 49.1	27 26.0	0.222 7334	7043	12 56.3
16	10 33 30.09	4 38.98	+10 38 23.1	27 43.0	0.222 0291	7188	12 57.1
17	10 38 9.07	4 38.13	10 10 40.1	27 59.3	0.221 3103	7333	12 57.8
18	10 42 47.20	4 37.32	9 42 40.8	28 14.8	0.220 5770	7477	12 58.4
19	10 47 24.52	4 36.54	9 14 26.0	28 29.6	0.219 8293	7622	12 59.1
20	10 52 1.06	4 35.79	8 45 56.4	28 43.6	0.219 0671	7765	12 59.8
21	10 56 36.85	4 35.07	8 17 12.8	28 56.9	0.218 2906	7910	13 0.4
22	11 1 11.92	4 34.39	+ 7 48 15.9	29 9.4	0.217 4996	8052	13 1.1
23	11 5 46.31	4 33.74	7 19 6.5	29 21.3	0.216 6944	8194	13 1.7
24	11 10 20.05	4 33.12	6 49 45.2	29 32.3	0.215 8750	8336	13 2.3
25	11 14 53.17	4 32.55	6 20 12.9	29 42.8	0.215 0414	8476	13 2.9
26	11 19 25.72	4 32.01	5 50 30.1	29 52.3	0.214 1938	8617	13 3.5
27	11 23 57.73	4 31.52	5 20 37.8	30 1.3	0.213 3321	8757	13 4.1
28	11 28 29.25	4 31.05	+ 4 50 36.5	30 9.5	0.212 4564	8895	13 4.7
29	11 33 0.30	4 30.63	4 20 27.0	30 17.0	0.211 5669	9033	13 5.2
30	11 37 30.93	4 30.26	3 50 10.0	30 23.7	0.210 6636	9169	13 5.8
31	11 42 1.19	4 29.92	3 19 46.3	30 29.8	0.209 7467	9305	13 6.4
Sept. 1	11 46 31.11	4 29.62	2 49 16.5	30 35.2	0.208 8162	9441	13 6.9
2	11 51 0.73		+ 2 18 41.3		0.207 8721		13 7.5

Tag		0h Welt-Zeit: Scheinbare Rektaszension (h m s)	Diff. (m s)	0h Welt-Zeit: Scheinbare Deklination (° ′ ″)	Diff. (′ ″)	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich (h m)
1936 Sept.	2	11 51 0.73	4 29.38	+2 18 41.3	30 39.9	0.207 8721	9575	13 7.5
	3	11 55 30.11	4 29.17	1 48 1.4	30 43.8	0.206 9146	9710	13 8.0
	4	11 59 59.28	4 29.01	1 17 17.6	30 47.1	0.205 9436	9844	13 8.6
	5	12 4 28.29	4 28.90	0 46 30.5	30 49.7	0.204 9592	9978	13 9.1
	6	12 8 57.19	4 28.83	+0 15 40.8	30 51.5	0.203 9614	1 0114	13 9.6
	7	12 13 26.02	4 28.80	−0 15 10.7	30 52.7	0.202 9500	1 0249	13 10.2
	8	12 17 54.82	4 28.83	−0 46 3.4	30 53.2	0.201 9251	1 0386	13 10.7
	9	12 22 23.65	4 28.89	1 16 56.6	30 52.8	0.200 8865	1 0523	13 11.2
	10	12 26 52.54	4 28.99	1 47 49.4	30 51.8	0.199 8342	1 0660	13 11.8
	11	12 31 21.53	4 29.14	2 18 41.2	30 50.0	0.198 7682	1 0799	13 12.3
	12	12 35 50.67	4 29.33	2 49 31.2	30 47.6	0.197 6883	1 0939	13 12.9
	13	12 40 20.00	4 29.56	3 20 18.8	30 44.4	0.196 5944	1 1078	13 13.4
	14	12 44 49.56	4 29.84	−3 51 3.2	30 40.4	0.195 4866	1 1218	13 14.0
	15	12 49 19.40	4 30.15	4 21 43.6	30 35.7	0.194 3648	1 1359	13 14.5
	16	12 53 49.55	4 30.50	4 52 19.3	30 30.2	0.193 2289	1 1501	13 15.1
	17	12 58 20.05	4 30.89	5 22 49.5	30 24.0	0.192 0788	1 1641	13 15.7
	18	13 2 50.94	4 31.33	5 53 13.5	30 17.0	0.190 9147	1 1783	13 16.2
	19	13 7 22.27	4 31.80	6 23 30.5	30 9.3	0.189 7364	1 1924	13 16.8
	20	13 11 54.07	4 32.31	−6 53 39.8	30 1.0	0.188 5440	1 2065	13 17.4
	21	13 16 26.38	4 32.86	7 23 40.8	29 51.7	0.187 3375	1 2205	13 18.0
	22	13 20 59.24	4 33.45	7 53 32.5	29 41.8	0.186 1170	1 2346	13 18.6
	23	13 25 32.69	4 34.07	8 23 14.3	29 31.1	0.184 8824	1 2487	13 19.3
	24	13 30 6.76	4 34.73	8 52 45.4	29 19.6	0.183 6337	1 2627	13 19.9
	25	13 34 41.49	4 35.43	9 22 5.0	29 7.4	0.182 3710	1 2768	13 20.5
	26	13 39 16.92	4 36.16	−9 51 12.4	28 54.5	0.181 0942	1 2906	13 21.2
	27	13 43 53.08	4 36.93	10 20 6.9	28 40.7	0.179 8036	1 3045	13 21.8
	28	13 48 30.01	4 37.74	10 48 47.6	28 26.3	0.178 4991	1 3182	13 22.5
	29	13 53 7.75	4 38.58	11 17 13.9	28 11.1	0.177 1809	1 3320	13 23.2
	30	13 57 46.33	4 39.45	11 45 25.0	27 55.1	0.175 8489	1 3456	13 23.9
Okt.	1	14 2 25.78	4 40.36	12 13 20.1	27 38.3	0.174 5033	1 3592	13 24.6
	2	14 7 6.14	4 41.30	−12 40 58.4	27 20.9	0.173 1441	1 3728	13 25.4
	3	14 11 47.44	4 42.28	13 8 19.3	27 2.6	0.171 7713	1 3864	13 26.2
	4	14 16 29.72	4 43.28	13 35 21.9	26 43.6	0.170 3849	1 4002	13 26.9
	5	14 21 13.00	4 44.32	14 2 5.5	26 23.8	0.168 9847	1 4140	13 27.7
	6	14 25 57.32	4 45.39	14 28 29.3	26 3.2	0.167 5707	1 4279	13 28.5
	7	14 30 42.71	4 46.47	14 54 32.5	25 42.0	0.166 1428	1 4419	13 29.3
	8	14 35 29.18	4 47.59	−15 20 14.5	25 19.8	0.164 7009	1 4561	13 30.2
	9	14 40 16.77	4 48.73	15 45 34.3	24 57.0	0.163 2448	1 4704	13 31.0
	10	14 45 5.50	4 49.87	16 10 31.3	24 33.2	0.161 7744	1 4847	13 31.9
	11	14 49 55.37	4 51.05	16 35 4.5	24 8.7	0.160 2897	1 4992	13 32.8
	12	14 54 46.42	4 52.23	16 59 13.2	23 43.5	0.158 7905	1 5138	13 33.7
	13	14 59 38.65		−17 22 56.7		0.157 2767		13 34.7

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Okt.	13	14 59 38.65	4 53.43	−17 22 56.7	23 17.4	0.157 2767	1 5287	13 34.7
	14	15 4 32.08	4 54.63	17 46 14.1	22 50.6	0.155 7480	1 5436	13 35.6
	15	15 9 26.71	4 55.83	18 9 4.7	22 22.9	0.154 2044	1 5586	13 36.6
	16	15 14 22.54	4 57.05	18 31 27.6	21 54.6	0.152 6458	1 5738	13 37.6
	17	15 19 19.59	4 58.27	18 53 22.2	21 25.5	0.151 0720	1 5890	13 38.6
	18	15 24 17.86	4 59.48	19 14 47.7	20 55.5	0.149 4830	1 6042	13 39.7
	19	15 29 17.34	5 0.69	−19 35 43.2	20 24.8	0.147 8788	1 6196	13 40.8
	20	15 34 18.03	5 1.90	19 56 8.0	19 53.4	0.146 2592	1 6350	13 41.8
	21	15 39 19.93	5 3.08	20 16 1.4	19 21.3	0.144 6242	1 6504	13 42.9
	22	15 44 23.01	5 4.27	20 35 22.7	18 48.5	0.142 9738	1 6661	13 44.1
	23	15 49 27.28	5 5.43	20 54 11.2	18 14.8	0.141 3077	1 6816	13 45.2
	24	15 54 32.71	5 6.58	21 12 26.0	17 40.5	0.139 6261	1 6972	13 46.3
	25	15 59 39.29	5 7.71	−21 30 6.5	17 5.5	0.137 9289	1 7128	13 47.5
	26	16 4 47.00	5 8.81	21 47 12.0	16 30.0	0.136 2161	1 7285	13 48.7
	27	16 9 55.81	5 9.91	22 3 42.0	15 53.6	0.134 4876	1 7440	13 49.9
	28	16 15 5.72	5 10.95	22 19 35.6	15 16.6	0.132 7436	1 7598	13 51.2
	29	16 20 16.67	5 11.98	22 34 52.2	14 39.1	0.130 9838	1 7752	13 52.4
	30	16 25 28.65	5 12.98	22 49 31.3	14 0.9	0.129 2086	1 7909	13 53.7
	31	16 30 41.63	5 13.94	−23 3 32.2	13 22.2	0.127 4177	1 8065	13 55.0
Nov.	1	16 35 55.57	5 14.87	23 16 54.4	12 42.8	0.125 6112	1 8224	13 56.3
	2	16 41 10.44	5 15.76	23 29 37.2	12 2.9	0.123 7888	1 8382	13 57.6
	3	16 46 26.20	5 16.62	23 41 40.1	11 22.6	0.121 9506	1 8544	13 58.9
	4	16 51 42.82	5 17.44	23 53 2.7	10 41.7	0.120 0962	1 8705	14 0.3
	5	16 57 0.26	5 18.19	24 3 44.4	10 0.3	0.118 2257	1 8870	14 1.6
	6	17 2 18.45	5 18.91	−24 13 44.7	9 18.5	0.116 3387	1 9036	14 3.0
	7	17 7 37.36	5 19.56	24 23 3.2	8 36.3	0.114 4351	1 9204	14 4.4
	8	17 12 56.92	5 20.17	24 31 39.5	7 53.7	0.112 5147	1 9374	14 5.8
	9	17 18 17.09	5 20.70	24 39 33.2	7 10.6	0.110 5773	1 9547	14 7.2
	10	17 23 37.79	5 21.19	24 46 43.8	6 27.2	0.108 6226	1 9722	14 8.6
	11	17 28 58.98	5 21.61	24 53 11.0	5 43.6	0.106 6504	1 9899	14 10.0
	12	17 34 20.59	5 21.97	−24 58 54.6	4 59.7	0.104 6605	2 0079	14 11.4
	13	17 39 42.56	5 22.24	25 3 54.3	4 15.5	0.102 6526	2 0261	14 12.8
	14	17 45 4.80	5 22.47	25 8 9.8	3 31.2	0.100 6265	2 0444	14 14.3
	15	17 50 27.27	5 22.61	25 11 41.0	2 46.6	0.098 5821	2 0631	14 15.7
	16	17 55 49.88	5 22.68	25 14 27.6	2 2.0	0.096 5190	2 0818	14 17.2
	17	18 1 12.56	5 22.69	25 16 29.6	1 17.2	0.094 4372	2 1009	14 18.6
	18	18 6 35.25	5 22.61	−25 17 46.8	0 32.5	0.092 3363	2 1201	14 20.0
	19	18 11 57.86	5 22.46	25 18 19.3	0 12.4	0.090 2162	2 1395	14 21.5
	20	18 17 20.32	5 22.23	25 18 6.9	0 57.2	0.088 0767	2 1591	14 22.9
	21	18 22 42.55	5 21.94	25 17 9.7	1 42.0	0.085 9176	2 1788	14 24.3
	22	18 28 4.49	5 21.56	25 15 27.7	2 26.5	0.083 7388	2 1986	14 25.7
	23	18 33 26.05		−25 13 1.2		0.081 5402		14 27.2

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Nov.	23	18 33 26.05	5 21.12	−25 13 1.2	3 11.1	0.081 5402	2 2186	14 27.2
	24	18 38 47.17	5 20.60	25 9 50.1	3 55.5	0.079 3216	2 2387	14 28.6
	25	18 44 7.77	5 20.00	25 5 54.6	4 39.6	0.077 0829	2 2589	14 29.9
	26	18 49 27.77	5 19.35	25 1 15.0	5 23.5	0.074 8240	2 2791	14 31.3
	27	18 54 47.12	5 18.63	24 55 51.5	6 7.3	0.072 5449	2 2995	14 32.7
	28	19 0 5.75	5 17.84	24 49 44.2	6 50.7	0.070 2454	2 3199	14 34.1
	29	19 5 23.59	5 16.99	−24 42 53.5	7 33.9	0.067 9255	2 3406	14 35.4
	30	19 10 40.58	5 16.08	24 35 19.6	8 16.6	0.065 5849	2 3614	14 36.8
Dez.	1	19 15 56.66	5 15.11	24 27 3.0	8 59.0	0.063 2235	2 3823	14 38.1
	2	19 21 11.77	5 14.10	24 18 4.0	9 41.0	0.060 8412	2 4035	14 39.4
	3	19 26 25.87	5 13.02	24 8 23.0	10 22.6	0.058 4377	2 4250	14 40.6
	4	19 31 38.89	5 11.90	23 58 0.4	11 3.7	0.056 0127	2 4468	14 41.9
	5	19 36 50.79	5 10.72	−23 46 56.7	11 44.3	0.053 5659	2 4689	14 43.2
	6	19 42 1.51	5 9.50	23 35 12.4	12 24.4	0.051 0970	2 4914	14 44.4
	7	19 47 11.01	5 8.24	23 22 48.0	13 4.1	0.048 6056	2 5141	14 45.6
	8	19 52 19.25	5 6.92	23 9 43.9	13 43.0	0.046 0915	2 5373	14 46.8
	9	19 57 26.17	5 5.56	22 56 0.9	14 21.5	0.043 5542	2 5609	14 47.9
	10	20 2 31.73	5 4.16	22 41 39.4	14 59.3	0.040 9933	2 5848	14 49.1
	11	20 7 35.89	5 2.73	−22 26 40.1	15 36.5	0.038 4085	2 6092	14 50.2
	12	20 12 38.62	5 1.26	22 11 3.6	16 13.1	0.035 7993	2 6339	14 51.3
	13	20 17 39.88	4 59.75	21 54 50.5	16 48.9	0.033 1654	2 6589	14 52.3
	14	20 22 39.63	4 58.21	21 38 1.6	17 24.1	0.030 5065	2 6845	14 53.4
	15	20 27 37.84	4 56.64	21 20 37.5	17 58.5	0.027 8220	2 7103	14 54.4
	16	20 32 34.48	4 55.05	21 2 39.0	18 32.2	0.025 1117	2 7366	14 55.4
	17	20 37 29.53	4 53.43	−20 44 6.8	19 5.3	0.022 3751	2 7631	14 56.3
	18	20 42 22.96	4 51.79	20 25 1.5	19 37.5	0.019 6120	2 7901	14 57.3
	19	20 47 14.75	4 50.13	20 5 24.0	20 9.0	0.016 8219	2 8174	14 58.2
	20	20 52 4.88	4 48.44	19 45 15.0	20 39.6	0.014 0045	2 8450	14 59.0
	21	20 56 53.32	4 46.73	19 24 35.4	21 9.5	0.011 1595	2 8731	14 59.9
	22	21 1 40.05	4 45.03	19 3 25.9	21 38.7	0.008 2864	2 9013	15 0.7
	23	21 6 25.08	4 43.29	−18 41 47.2	22 6.9	0.005 3851	2 9299	15 1.5
	24	21 11 8.37	4 41.56	18 19 40.3	22 34.5	0.002 4552	2 9586	15 2.2
	25	21 15 49.93	4 39.82	17 57 5.8	23 1.2	9.999 4966	2 9875	15 3.0
	26	21 20 29.75	4 38.08	17 34 4.6	23 27.2	9.996 5091	3 0168	15 3.7
	27	21 25 7.83	4 36.33	17 10 37.4	23 52.3	9.993 4923	3 0462	15 4.4
	28	21 29 44.16	4 34.59	16 46 45.1	24 16.7	9.990 4461	3 0761	15 5.0
	29	21 34 18.75	4 32.87	−16 22 28.4	24 40.4	9.987 3700	3 1061	15 5.6
	30	21 38 51.62	4 31.13	15 57 48.0	25 3.1	9.984 2639	3 1366	15 6.2
	31	21 43 22.75	4 29.42	15 32 44.9	25 25.2	9.981 1273	3 1675	15 6.8
	32	21 47 52.17		−15 7 19.7		9.977 9598		15 7.3

Tag		0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Jan.	0	21 25 31.79	3 5.27	−16 21 38.7	15 11.8	0.296 7651	9823	14 51.0
	1	21 28 37.06	3 4.81	16 6 26.9	15 21.5	0.297 7474	9796	14 50.2
	2	21 31 41.87	3 4.37	15 51 5.4	15 30.8	0.298 7270	9770	14 49.3
	3	21 34 46.24	3 3.92	15 35 34.6	15 39.9	0.299 7040	9744	14 48.4
	4	21 37 50.16	3 3.47	15 19 54.7	15 48.9	0.300 6784	9718	14 47.6
	5	21 40 53.63	3 3.02	15 4 5.8	15 57.7	0.301 6502	9694	14 46.7
	6	21 43 56.65	3 2.58	−14 48 8.1	16 6.3	0.302 6196	9669	14 45.8
	7	21 46 59.23	3 2.14	14 32 1.8	16 14.6	0.303 5865	9647	14 44.9
	8	21 50 1.37	3 1.69	14 15 47.2	16 22.7	0.304 5512	9624	14 43.9
	9	21 53 3.06	3 1.26	13 59 24.5	16 30.6	0.305 5136	9602	14 43.0
	10	21 56 4.32	3 0.84	13 42 53.9	16 38.4	0.306 4738	9580	14 42.1
	11	21 59 5.16	3 0.40	13 26 15.5	16 46.0	0.307 4318	9559	14 41.2
	12	22 2 5.56	2 59.99	−13 9 29.5	16 53.3	0.308 3877	9537	14 40.2
	13	22 5 5.55	2 59.58	12 52 36.2	17 0.5	0.309 3414	9515	14 39.3
	14	22 8 5.13	2 59.17	12 35 35.7	17 7.4	0.310 2929	9492	14 38.3
	15	22 11 4.30	2 58.77	12 18 28.3	17 14.2	0.311 2421	9470	14 37.4
	16	22 14 3.07	2 58.36	12 1 14.1	17 20.8	0.312 1891	9448	14 36.4
	17	22 17 1.43	2 57.98	11 43 53.3	17 27.1	0.313 1339	9423	14 35.4
	18	22 19 59.41	2 57.59	−11 26 26.2	17 33.2	0.314 0762	9399	14 34.5
	19	22 22 57.00	2 57.21	11 8 53.0	17 39.2	0.315 0161	9375	14 33.5
	20	22 25 54.21	2 56.83	10 51 13.8	17 44.9	0.315 9536	9350	14 32.5
	21	22 28 51.04	2 56.47	10 33 28.9	17 50.4	0.316 8886	9323	14 31.5
	22	22 31 47.51	2 56.10	10 15 38.5	17 55.7	0.317 8209	9297	14 30.5
	23	22 34 43.61	2 55.75	9 57 42.8	18 0.8	0.318 7506	9268	14 29.5
	24	22 37 39.36	2 55.39	− 9 39 42.0	18 5.6	0.319 6774	9240	14 28.4
	25	22 40 34.75	2 55.05	9 21 36.4	18 10.3	0.320 6014	9210	14 27.4
	26	22 43 29.80	2 54.70	9 3 26.1	18 14.8	0.321 5224	9181	14 26.4
	27	22 46 24.50	2 54.36	8 45 11.3	18 18.9	0.322 4405	9152	14 25.4
	28	22 49 18.86	2 54.02	8 26 52.4	18 22.9	0.323 3557	9121	14 24.3
	29	22 52 12.88	2 53.69	8 8 29.5	18 26.7	0.324 2678	9092	14 23.3
	30	22 55 6.57	2 53.37	− 7 50 2.8	18 30.3	0.325 1770	9062	14 22.2
	31	22 57 59.94	2 53.05	7 31 32.5	18 33.6	0.326 0832	9034	14 21.2
Febr.	1	23 0 52.99	2 52.73	7 12 58.9	18 36.7	0.326 9866	9005	14 20.1
	2	23 3 45.72	2 52.42	6 54 22.2	18 39.7	0.327 8871	8978	14 19.1
	3	23 6 38.14	2 52.13	6 35 42.5	18 42.4	0.328 7849	8950	14 18.0
	4	23 9 30.27	2 51.84	6 17 0.1	18 45.0	0.329 6799	8923	14 16.9
	5	23 12 22.11	2 51.55	− 5 58 15.1	18 47.4	0.330 5722	8896	14 15.8
	6	23 15 13.66	2 51.28	5 39 27.7	18 49.5	0.331 4618	8869	14 14.7
	7	23 18 4.94	2 51.01	5 20 38.2	18 51.5	0.332 3487	8843	14 13.7
	8	23 20 55.95	2 50.76	5 1 46.7	18 53.3	0.333 2330	8815	14 12.6
	9	23 23 46.71	2 50.52	4 42 53.4	18 55.0	0.334 1145	8789	14 11.5
	10	23 26 37.23		− 4 23 58.4		0.334 9934		14 10.3

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Febr.	10	23 26 37.23	2 50.27	−4 23 58.4	18 56.3	0.334 9934	8761	14 10.3
	11	23 29 27.50	2 50.05	4 5 2.1	18 57.7	0.335 8695	8734	14 9.2
	12	23 32 17.55	2 49.83	3 46 4.4	18 58.7	0.336 7429	8706	14 8.1
	13	23 35 7.38	2 49.63	3 27 5.7	18 59.6	0.337 6135	8678	14 7.0
	14	23 37 57.01	2 49.42	3 8 6.1	19 0.3	0.338 4813	8649	14 5.9
	15	23 40 46.43	2 49.23	2 49 5.8	19 0.9	0.339 3462	8619	14 4.8
	16	23 43 35.66	2 49.06	−2 30 4.9	19 1.1	0.340 2081	8589	14 3.7
	17	23 46 24.72	2 48.88	2 11 3.8	19 1.4	0.341 0670	8558	14 2.6
	18	23 49 13.60	2 48.72	1 52 2.4	19 1.3	0.341 9228	8526	14 1.4
	19	23 52 2.32	2 48.57	1 33 1.1	19 1.1	0.342 7754	8492	14 0.3
	20	23 54 50.89	2 48.41	1 14 0.0	19 0.7	0.343 6246	8459	13 59.2
	21	23 57 39.30	2 48.28	0 54 59.3	19 0.1	0.344 4705	8423	13 58.0
	22	0 0 27.58	2 48.15	−0 35 59.2	18 59.3	0.345 3128	8388	13 56.9
	23	0 3 15.73	2 48.01	−0 16 59.9	18 58.4	0.346 1516	8351	13 55.7
	24	0 6 3.74	2 47.90	+0 1 58.5	18 57.2	0.346 9867	8314	13 54.6
	25	0 8 51.64	2 47.79	0 20 55.7	18 55.8	0.347 8181	8276	13 53.4
	26	0 11 39.43	2 47.68	0 39 51.5	18 54.2	0.348 6457	8239	13 52.3
	27	0 14 27.11	2 47.57	0 58 45.7	18 52.5	0.349 4696	8201	13 51.1
	28	0 17 14.68	2 47.48	+1 17 38.2	18 50.6	0.350 2897	8163	13 50.0
	29	0 20 2.16	2 47.39	1 36 28.8	18 48.5	0.351 1060	8126	13 48.9
März	1	0 22 49.55	2 47.31	1 55 17.3	18 46.2	0.351 9186	8088	13 47.7
	2	0 25 36.86	2 47.24	2 14 3.5	18 43.7	0.352 7274	8052	13 46.5
	3	0 28 24.10	2 47.17	2 32 47.2	18 41.2	0.353 5326	8015	13 45.4
	4	0 31 11.27	2 47.11	2 51 28.4	18 38.3	0.354 3341	7978	13 44.2
	5	0 33 58.38	2 47.06	+3 10 6.7	18 35.4	0.355 1319	7942	13 43.1
	6	0 36 45.44	2 47.03	3 28 42.1	18 32.3	0.355 9261	7905	13 41.9
	7	0 39 32.47	2 46.99	3 47 14.4	18 29.0	0.356 7166	7869	13 40.8
	8	0 42 19.46	2 46.97	4 5 43.4	18 25.7	0.357 5035	7833	13 39.6
	9	0 45 6.43	2 46.96	4 24 9.1	18 22.1	0.358 2868	7795	13 38.4
	10	0 47 53.39	2 46.96	4 42 31.2	18 18.4	0.359 0663	7759	13 37.3
	11	0 50 40.35	2 46.96	+5 0 49.6	18 14.4	0.359 8422	7721	13 36.1
	12	0 53 27.31	2 46.97	5 19 4.0	18 10.5	0.360 6143	7683	13 35.0
	13	0 56 14.28	2 46.99	5 37 14.5	18 6.3	0.361 3826	7644	13 33.8
	14	0 59 1.27	2 47.03	5 55 20.8	18 1.9	0.362 1470	7604	13 32.7
	15	1 1 48.30	2 47.06	6 13 22.7	17 57.5	0.362 9074	7565	13 31.5
	16	1 4 35.36	2 47.11	6 31 20.2	17 52.8	0.363 6639	7524	13 30.3
	17	1 7 22.47	2 47.16	+6 49 13.0	17 48.1	0.364 4163	7482	13 29.2
	18	1 10 9.63	2 47.23	7 7 1.1	17 43.2	0.365 1645	7439	13 28.0
	19	1 12 56.86	2 47.29	7 24 44.3	17 38.0	0.365 9084	7395	13 26.9
	20	1 15 44.15	2 47.36	7 42 22.3	17 32.8	0.366 6479	7351	13 25.7
	21	1 18 31.51	2 47.45	7 59 55.1	17 27.4	0.367 3830	7304	13 24.6
	22	1 21 18.96		+8 17 22.5		0.368 1134		13 23.4

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
März	22	1 21 18.96	2 47.53	+ 8 17 22.5	17 21.8	0.368 1134	7257	13 23.4
	23	1 24 6.49	2 47.62	8 34 44.3	17 16.0	0.368 8391	7210	13 22.3
	24	1 26 54.11	2 47.71	8 52 0.3	17 10.1	0.369 5601	7161	13 21.1
	25	1 29 41.82	2 47.80	9 9 10.4	17 4.0	0.370 2762	7113	13 20.0
	26	1 32 29.62	2 47.91	9 26 14.4	16 57.9	0.370 9875	7064	13 18.8
	27	1 35 17.53	2 48.01	9 43 12.3	16 51.4	0.371 6939	7015	13 17.7
	28	1 38 5.54	2 48.12	+10 0 3.7	16 44.9	0.372 3954	6966	13 16.5
	29	1 40 53.66	2 48.23	10 16 48.6	16 38.3	0.373 0920	6918	13 15.4
	30	1 43 41.89	2 48.35	10 33 26.9	16 31.5	0.373 7838	6870	13 14.3
	31	1 46 30.24	2 48.47	10 49 58.4	16 24.5	0.374 4708	6821	13 13.1
April	1	1 49 18.71	2 48.60	11 6 22.9	16 17.4	0.375 1529	6772	13 12.0
	2	1 52 7.31	2 48.73	11 22 40.3	16 10.3	0.375 8301	6725	13 10.9
	3	1 54 56.04	2 48.86	+11 38 50.6	16 2.9	0.376 5026	6676	13 9.7
	4	1 57 44.90	2 49.01	11 54 53.5	15 55.4	0.377 1702	6628	13 8.6
	5	2 0 33.91	2 49.16	12 10 48.9	15 47.9	0.377 8330	6580	13 7.5
	6	2 3 23.07	2 49.31	12 26 36.8	15 40.1	0.378 4910	6531	13 6.4
	7	2 6 12.38	2 49.46	12 42 16.9	15 32.2	0.379 1441	6482	13 5.2
	8	2 9 1.84	2 49.63	12 57 49.1	15 24.3	0.379 7923	6433	13 4.1
	9	2 11 51.47	2 49.80	+13 13 13.4	15 16.2	0.380 4356	6383	13 3.0
	10	2 14 41.27	2 49.97	13 28 29.6	15 7.9	0.381 0739	6334	13 1.9
	11	2 17 31.24	2 50.15	13 43 37.5	14 59.6	0.381 7073	6283	13 0.8
	12	2 20 21.39	2 50.33	13 58 37.1	14 51.2	0.382 3356	6231	12 59.7
	13	2 23 11.72	2 50.52	14 13 28.3	14 42.5	0.382 9587	6179	12 58.6
	14	2 26 2.24	2 50.71	14 28 10.8	14 33.8	0.383 5766	6127	12 57.5
	15	2 28 52.95	2 50.90	+14 42 44.6	14 25.0	0.384 1893	6072	12 56.4
	16	2 31 43.85	2 51.10	14 57 9.6	14 16.1	0.384 7965	6018	12 55.3
	17	2 34 34.95	2 51.29	15 11 25.7	14 6.9	0.385 3983	5962	12 54.2
	18	2 37 26.24	2 51.50	15 25 32.6	13 57.8	0.385 9945	5905	12 53.1
	19	2 40 17.74	2 51.69	15 39 30.4	13 48.5	0.386 5850	5847	12 52.1
	20	2 43 9.43	2 51.90	15 53 18.9	13 39.0	0.387 1697	5789	12 51.0
	21	2 46 1.33	2 52.09	+16 6 57.9	13 29.4	0.387 7486	5729	12 49.9
	22	2 48 53.42	2 52.29	16 20 27.3	13 19.8	0.388 3215	5668	12 48.9
	23	2 51 45.71	2 52.49	16 33 47.1	13 9.9	0.388 8883	5607	12 47.8
	24	2 54 38.20	2 52.69	16 46 57.0	13 0.0	0.389 4490	5548	12 46.7
	25	2 57 30.89	2 52.87	16 59 57.0	12 50.0	0.390 0038	5486	12 45.6
	26	3 0 23.76	2 53.07	17 12 47.0	12 39.8	0.390 5524	5425	12 44.6
	27	3 3 16.83	2 53.25	+17 25 26.8	12 29.5	0.391 0949	5366	12 43.5
	28	3 6 10.08	2 53.45	17 37 56.3	12 19.2	0.391 6315	5305	12 42.5
	29	3 9 3.53	2 53.63	17 50 15.5	12 8.8	0.392 1620	5244	12 41.4
	30	3 11 57.16	2 53.82	18 2 24.3	11 58.2	0.392 6864	5183	12 40.4
Mai	1	3 14 50.98	2 54.01	18 14 22.5	11 47.5	0.393 2047	5124	12 39.3
	2	3 17 44.99		+18 26 10.0		0.393 7171		12 38.3

Tag		0h Welt-Zeit Scheinbare Rektaszension		0h Welt-Zeit Scheinbare Deklination		0h Welt-Zeit log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Mai	2	3 17 44.99	2 54.20	+18 26 10.0	11 36.8	0.393 7171	5063	12 38.3
	3	3 20 39.19	2 54.38	18 37 46.8	11 26.0	0.394 2234	5003	12 37.3
	4	3 23 33.57	2 54.57	18 49 12.8	11 15.1	0.394 7237	4943	12 36.3
	5	3 26 28.14	2 54.76	19 0 27.9	11 4.0	0.395 2180	4882	12 35.2
	6	3 29 22.90	2 54.93	19 11 31.9	10 53.0	0.395 7062	4822	12 34.2
	7	3 32 17.83	2 55.12	19 22 24.9	10 41.8	0.396 1884	4761	12 33.2
	8	3 35 12.95	2 55.30	+19 33 6.7	10 30.6	0.396 6645	4698	12 32.1
	9	3 38 8.25	2 55.48	19 43 37.3	10 19.2	0.397 1343	4637	12 31.1
	10	3 41 3.73	2 55.66	19 53 56.5	10 7.8	0.397 5980	4573	12 30.1
	11	3 43 59.39	2 55.84	20 4 4.3	9 56.3	0.398 0553	4510	12 29.1
	12	3 46 55.23	2 56.01	20 14 0.6	9 44.8	0.398 5063	4445	12 28.1
	13	3 49 51.24	2 56.19	20 23 45.4	9 33.1	0.398 9508	4380	12 27.1
	14	3 52 47.43	2 56.35	+20 33 18.5	9 21.3	0.399 3888	4314	12 26.1
	15	3 55 43.78	2 56.52	20 42 39.8	9 9.6	0.399 8202	4248	12 25.1
	16	3 58 40.30	2 56.69	20 51 49.4	8 57.8	0.400 2450	4180	12 24.1
	17	4 1 36.99	2 56.84	21 0 47.2	8 45.8	0.400 6630	4112	12 23.1
	18	4 4 33.83	2 56.98	21 9 33.0	8 33.8	0.401 0742	4041	12 22.1
	19	4 7 30.81	2 57.13	21 18 6.8	8 21.8	0.401 4783	3971	12 21.1
	20	4 10 27.94	2 57.26	+21 26 28.6	8 9.5	0.401 8754	3899	12 20.1
	21	4 13 25.20	2 57.39	21 34 38.1	7 57.4	0.402 2653	3827	12 19.1
	22	4 16 22.59	2 57.51	21 42 35.5	7 45.2	0.402 6480	3755	12 18.1
	23	4 19 20.10	2 57.62	21 50 20.7	7 32.8	0.403 0235	3682	12 17.1
	24	4 22 17.72	2 57.73	21 57 53.5	7 20.5	0.403 3917	3609	12 16.2
	25	4 25 15.45	2 57.83	22 5 14.0	7 8.1	0.403 7526	3537	12 15.2
	26	4 28 13.28	2 57.91	+22 12 22.1	6 55.6	0.404 1063	3464	12 14.2
	27	4 31 11.19	2 58.00	22 19 17.7	6 43.1	0.404 4527	3392	12 13.2
	28	4 34 9.19	2 58.07	22 26 0.8	6 30.6	0.404 7919	3319	12 12.2
	29	4 37 7.26	2 58.13	22 32 31.4	6 18.0	0.405 1238	3246	12 11.3
	30	4 40 5.39	2 58.20	22 38 49.4	6 5.4	0.405 4484	3174	12 10.3
	31	4 43 3.59	2 58.25	22 44 54.8	5 52.8	0.405 7658	3102	12 9.3
Juni	1	4 46 1.84	2 58.31	+22 50 47.6	5 40.2	0.406 0760	3030	12 8.4
	2	4 49 0.15	2 58.35	22 56 27.8	5 27.5	0.406 3790	2958	12 7.4
	3	4 51 58.50	2 58.38	23 1 55.3	5 14.7	0.406 6748	2885	12 6.4
	4	4 54 56.88	2 58.41	23 7 10.0	5 2.0	0.406 9633	2813	12 5.5
	5	4 57 55.29	2 58.43	23 12 12.0	4 49.3	0.407 2446	2740	12 4.5
	6	5 0 53.72	2 58.45	23 17 1.3	4 36.5	0.407 5186	2667	12 3.5
	7	5 3 52.17	2 58.46	+23 21 37.8	4 23.7	0.407 7853	2592	12 2.6
	8	5 6 50.63	2 58.46	23 26 1.5	4 10.9	0.408 0445	2517	12 1.6
	9	5 9 49.09	2 58.47	23 30 12.4	3 58.0	0.408 2962	2442	12 0.6
	10	5 12 47.56	2 58.45	23 34 10.4	3 45.3	0.408 5404	2366	11 59.6
	11	5 15 46.01	2 58.44	23 37 55.7	3 32.5	0.408 7770	2288	11 58.6
	12	5 18 44.45		+23 41 28.2		0.409 0058		11 57.7

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Juni	12	5 18 44.45	2 58.42	+23 41 28.2	3 19.6	0.409 0058	2211	11 57.7
	13	5 21 42.87	2 58.38	23 44 47.8	3 6.8	0.409 2269	2132	11 56.7
	14	5 24 41.25	2 58.33	23 47 54.6	2 54.0	0.409 4401	2051	11 55.8
	15	5 27 39.58	2 58.29	23 50 48.6	2 41.1	0.409 6452	1969	11 54.8
	16	5 30 37.87	2 58.22	23 53 29.7	2 28.4	0.409 8421	1886	11 53.8
	17	5 33 36.09	2 58.15	23 55 58.1	2 15.5	0.410 0307	1802	11 52.8
	18	5 36 34.24	2 58.07	+23 58 13.6	2 2.7	0.410 2109	1719	11 51.9
	19	5 39 32.31	2 57.97	24 0 16.3	1 50.0	0.410 3828	1636	11 50.9
	20	5 42 30.28	2 57.87	24 2 6.3	1 37.2	0.410 5464	1553	11 49.9
	21	5 45 28.15	2 57.75	24 3 43.5	1 24.5	0.410 7017	1470	11 48.9
	22	5 48 25.90	2 57.62	24 5 8.0	1 11.7	0.410 8487	1387	11 47.9
	23	5 51 23.52	2 57.49	24 6 19.7	0 59.1	0.410 9874	1302	11 47.0
	24	5 54 21.01	2 57.34	+24 7 18.8	0 46.4	0.411 1176	1218	11 46.0
	25	5 57 18.35	2 57.19	24 8 5.2	0 33.9	0.411 2394	1133	11 45.0
	26	6 0 15.54	2 57.02	24 8 39.1	0 21.2	0.411 3527	1047	11 44.0
	27	6 3 12.56	2 56.85	24 9 0.3	0 8.7	0.411 4574	963	11 43.0
	28	6 6 9.41	2 56.67	24 9 9.0	$\overline{0\ 3.7}$	0.411 5537	877	11 42.0
	29	6 9 6.08	2 56.48	24 9 5.3	0 16.2	0.411 6414	792	11 41.0
	30	6 12 2.56	2 56.29	+24 8 49.1	0 28.6	0.411 7206	707	11 40.0
Juli	1	6 14 58.85	2 56.08	24 8 20.5	0 41.0	0.411 7913	623	11 39.0
	2	6 17 54.93	2 55.87	24 7 39.5	0 53.3	0.411 8536	537	11 38.0
	3	6 20 50.80	2 55.65	24 6 46.2	1 5.5	0.411 9073	452	11 37.0
	4	6 23 46.45	2 55.44	24 5 40.7	1 17.8	0.411 9525	367	11 36.0
	5	6 26 41.89	2 55.20	24 4 22.9	1 30.0	0.411 9892	281	11 35.0
	6	6 29 37.09	2 54.96	+24 2 52.9	1 42.1	0.412 0173	195	11 33.9
	7	6 32 32.05	2 54.73	24 1 10.8	1 54.1	0.412 0368	108	11 32.9
	8	6 35 26.78	2 54.47	23 59 16.7	2 6.1	0.412 0476	20	11 31.9
	9	6 38 21.25	2 54.23	23 57 10.6	2 18.0	0.412 0496	$\overline{68}$	11 30.8
	10	6 41 15.48	2 53.96	23 54 52.6	2 30.0	0.412 0428	158	11 29.8
	11	6 44 9.44	2 53.69	23 52 22.6	2 41.7	0.412 0270	250	11 28.8
	12	6 47 3.13	2 53.42	+23 49 40.9	2 53.5	0.412 0020	341	11 27.7
	13	6 49 56.55	2 53.14	23 46 47.4	3 5.2	0.411 9679	434	11 26.6
	14	6 52 49.69	2 52.85	23 43 42.2	3 16.7	0.411 9245	529	11 25.6
	15	6 55 42.54	2 52.55	23 40 25.5	3 28.3	0.411 8716	624	11 24.5
	16	6 58 35.09	2 52.24	23 36 57.2	3 39.7	0.411 8092	720	11 23.5
	17	7 1 27.33	2 51.93	23 33 17.5	3 51.0	0.411 7372	816	11 22.4
	18	7 4 19.26	2 51.60	+23 29 26.5	4 2.4	0.411 6556	913	11 21.3
	19	7 7 10.86	2 51.27	23 25 24.1	4 13.5	0.411 5643	1010	11 20.2
	20	7 10 2.13	2 50.93	23 21 10.6	4 24.6	0.411 4633	1108	11 19.1
	21	7 12 53.06	2 50.59	23 16 46.0	4 35.6	0.411 3525	1205	11 18.0
	22	7 15 43.65	2 50.23	23 12 10.4	4 46.5	0.411 2320	1303	11 16.9
	23	7 18 33.88		+23 7 23.9		0.411 1017		11 15.8

Tag		0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Juli	23	7 18 33.88	2 49.88	+23 7 23.9	4 57.3	0.411 1017	1400	11 15.8
	24	7 21 23.76	2 49.52	23 2 26.6	5 8.1	0.410 9617	1498	11 14.7
	25	7 24 13.28	2 49.15	22 57 18.5	5 18.7	0.410 8119	1596	11 13.6
	26	7 27 2.43	2 48.77	22 51 59.8	5 29.2	0.410 6523	1694	11 12.5
	27	7 29 51.20	2 48.40	22 46 30.6	5 39.7	0.410 4829	1791	11 11.4
	28	7 32 39.60	2 48.01	22 40 50.9	5 50.1	0.410 3038	1888	11 10.2
	29	7 35 27.61	2 47.63	+22 35 0.8	6 0.3	0.410 1150	1987	11 9.1
	30	7 38 15.24	2 47.24	22 29 0.5	6 10.5	0.409 9163	2086	11 7.9
	31	7 41 2.48	2 46.85	22 22 50.0	6 20.5	0.409 7077	2185	11 6.8
Aug.	1	7 43 49.33	2 46.46	22 16 29.5	6 30.6	0.409 4892	2284	11 5.6
	2	7 46 35.79	2 46.07	22 9 58.9	6 40.4	0.409 2608	2382	11 4.4
	3	7 49 21.86	2 45.67	22 3 18.5	6 50.2	0.409 0226	2480	11 3.3
	4	7 52 7.53	2 45.27	+21 56 28.3	7 0.0	0.408 7746	2580	11 2.1
	5	7 54 52.80	2 44.88	21 49 28.3	7 9.6	0.408 5166	2680	11 0.9
	6	7 57 37.68	2 44.48	21 42 18.7	7 19.1	0.408 2486	2783	10 59.7
	7	8 0 22.16	2 44.08	21 34 59.6	7 28.5	0.407 9703	2888	10 58.5
	8	8 3 6.24	2 43.68	21 27 31.1	7 37.8	0.407 6815	2994	10 57.2
	9	8 5 49.92	2 43.27	21 19 53.3	7 47.0	0.407 3821	3100	10 56.0
	10	8 8 33.19	2 42.87	+21 12 6.3	7 56.2	0.407 0721	3207	10 54.8
	11	8 11 16.06	2 42.46	21 4 10.1	8 5.1	0.406 7514	3314	10 53.6
	12	8 13 58.52	2 42.05	20 56 5.0	8 14.0	0.406 4200	3422	10 52.4
	13	8 16 40.57	2 41.64	20 47 51.0	8 22.8	0.406 0778	3531	10 51.1
	14	8 19 22.21	2 41.22	20 39 28.2	8 31.4	0.405 7247	3640	10 49.9
	15	8 22 3.43	2 40.79	20 30 56.8	8 39.9	0.405 3607	3752	10 48.6
	16	8 24 44.22	2 40.38	+20 22 16.9	8 48.4	0.404 9855	3863	10 47.3
	17	8 27 24.60	2 39.95	20 13 28.5	8 56.6	0.404 5992	3975	10 46.1
	18	8 30 4.55	2 39.53	20 4 31.9	9 4.8	0.404 2017	4087	10 44.8
	19	8 32 44.08	2 39.10	19 55 27.1	9 12.9	0.403 7930	4200	10 43.5
	20	8 35 23.18	2 38.67	19 46 14.2	9 20.9	0.403 3730	4313	10 42.2
	21	8 38 1.85	2 38.24	19 36 53.3	9 28.7	0.402 9417	4425	10 40.9
	22	8 40 40.09	2 37.81	+19 27 24.6	9 36.4	0.402 4992	4539	10 39.6
	23	8 43 17.90	2 37.38	19 17 48.2	9 44.1	0.402 0453	4652	10 38.3
	24	8 45 55.28	2 36.95	19 8 4.1	9 51.5	0.401 5801	4765	10 37.0
	25	8 48 32.23	2 36.52	18 58 12.6	9 58.9	0.401 1036	4878	10 35.6
	26	8 51 8.75	2 36.09	18 48 13.7	10 6.2	0.400 6158	4991	10 34.3
	27	8 53 44.84	2 35.67	18 38 7.5	10 13.4	0.400 1167	5105	10 33.0
	28	8 56 20.51	2 35.25	+18 27 54.1	10 20.4	0.399 6062	5218	10 31.6
	29	8 58 55.76	2 34.82	18 17 33.7	10 27.4	0.399 0844	5333	10 30.3
	30	9 1 30.58	2 34.41	18 7 6.3	10 34.3	0.398 5511	5447	10 28.9
	31	9 4 4.99	2 34.00	17 56 32.0	10 41.1	0.398 0064	5561	10 27.5
Sept.	1	9 6 38.99	2 33.58	17 45 50.9	10 47.7	0.397 4503	5677	10 26.1
	2	9 9 12.57		+17 35 3.2		0.396 8826		10 24.7

Tag		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	m s	° ′ ″	′ ″			h m
Sept.	2	9 9 12.57	2 33.17	+17 35 3.2	10 54.3	0.396 8826	5794	10 24.7
	3	9 11 45.74	2 32.77	17 24 8.9	11 0.7	0.396 3032	5911	10 23.3
	4	9 14 18.51	2 32.38	17 13 8.2	11 7.1	0.395 7121	6030	10 22.0
	5	9 16 50.89	2 31.97	17 2 1.1	11 13.4	0.395 1091	6149	10 20.6
	6	9 19 22.86	2 31.58	16 50 47.7	11 19.6	0.394 4942	6271	10 19.1
	7	9 21 54.44	2 31.19	16 39 28.1	11 25.5	0.393 8671	6393	10 17.7
	8	9 24 25.63	2 30.80	+16 28 2.6	11 31.5	0.393 2278	6517	10 16.3
	9	9 26 56.43	2 30.41	16 16 31.1	11 37.3	0.392 5761	6641	10 14.9
	10	9 29 26.84	2 30.02	16 4 53.8	11 42.9	0.391 9120	6767	10 13.4
	11	9 31 56.86	2 29.63	15 53 10.9	11 48.5	0.391 2353	6894	10 12.0
	12	9 34 26.49	2 29.25	15 41 22.4	11 53.9	0.390 5459	7021	10 10.5
	13	9 36 55.74	2 28.86	15 29 28.5	11 59.3	0.389 8438	7150	10 9.1
	14	9 39 24.60	2 28.48	+15 17 29.2	12 4.5	0.389 1288	7278	10 7.6
	15	9 41 53.08	2 28.09	15 5 24.7	12 9.5	0.388 4010	7407	10 6.1
	16	9 44 21.17	2 27.72	14 53 15.2	12 14.5	0.387 6603	7538	10 4.7
	17	9 46 48.89	2 27.34	14 41 0.7	12 19.3	0.386 9065	7668	10 3.2
	18	9 49 16.23	2 26.96	14 28 41.4	12 24.1	0.386 1397	7798	10 1.7
	19	9 51 43.19	2 26.59	14 16 17.3	12 28.7	0.385 3599	7929	10 0.2
	20	9 54 9.78	2 26.22	+14 3 48.6	12 33.2	0.384 5670	8059	9 58.7
	21	9 56 36.00	2 25.85	13 51 15.4	12 37.6	0.383 7611	8189	9 57.2
	22	9 59 1.85	2 25.49	13 38 37.8	12 41.9	0.382 9422	8321	9 55.7
	23	10 1 27.34	2 25.13	13 25 55.9	12 46.1	0.382 1101	8452	9 54.2
	24	10 3 52.47	2 24.77	13 13 9.8	12 50.2	0.381 2649	8585	9 52.6
	25	10 6 17.24	2 24.42	13 0 19.6	12 54.2	0.380 4064	8717	9 51.1
	26	10 8 41.66	2 24.08	+12 47 25.4	12 58.1	0.379 5347	8849	9 49.6
	27	10 11 5.74	2 23.73	12 34 27.3	13 1.9	0.378 6498	8981	9 48.0
	28	10 13 29.47	2 23.40	12 21 25.4	13 5.7	0.377 7517	9114	9 46.5
	29	10 15 52.87	2 23.07	12 8 19.7	13 9.2	0.376 8403	9247	9 45.0
	30	10 18 15.94	2 22.74	11 55 10.5	13 12.8	0.375 9156	9381	9 43.4
Okt.	1	10 20 38.68	2 22.43	11 41 57.7	13 16.3	0.374 9775	9517	9 41.8
	2	10 23 1.11	2 22.11	+11 28 41.4	13 19.6	0.374 0258	9653	9 40.3
	3	10 25 23.22	2 21.80	11 15 21.8	13 22.9	0.373 0605	9791	9 38.7
	4	10 27 45.02	2 21.50	11 1 58.9	13 26.0	0.372 0814	9932	9 37.1
	5	10 30 6.52	2 21.20	10 48 32.9	13 29.0	0.371 0882	1 0072	9 35.5
	6	10 32 27.72	2 20.91	10 35 3.9	13 31.9	0.370 0810	1 0214	9 33.9
	7	10 34 48.63	2 20.61	10 21 32.0	13 34.7	0.369 0596	1 0359	9 32.3
	8	10 37 9.24	2 20.33	+10 7 57.3	13 37.5	0.368 0237	1 0503	9 30.7
	9	10 39 29.57	2 20.04	9 54 19.8	13 40.0	0.366 9734	1 0649	9 29.1
	10	10 41 49.61	2 19.75	9 40 39.8	13 42.6	0.365 9085	1 0795	9 27.5
	11	10 44 9.36	2 19.48	9 26 57.2	13 44.9	0.364 8290	1 0942	9 25.9
	12	10 46 28.84	2 19.20	9 13 12.3	13 47.2	0.363 7348	1 1091	9 24.3
	13	10 48 48.04		+ 8 59 25.1		0.362 6257		9 22.7

Spaltenkopf: 0ʰ Welt-Zeit

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	m s	° ′ ″	′ ″			h m
Okt. 13	10 48 48.04	2 18.91	+8 59 25.1	13 49.4	0.362 6257	1 1240	9 22.7
14	10 51 6.95	2 18.65	8 45 35.7	13 51.3	0.361 5017	1 1392	9 21.0
15	10 53 25.60	2 18.37	8 31 44.4	13 53.3	0.360 3625	1 1543	9 19.4
16	10 55 43.97	2 18.09	8 17 51.1	13 55.0	0.359 2082	1 1694	9 17.8
17	10 58 2.06	2 17.83	8 3 56.1	13 56.8	0.358 0388	1 1846	9 16.1
18	11 0 19.89	2 17.57	7 49 59.3	13 58.4	0.356 8542	1 1996	9 14.5
19	11 2 37.46	2 17.31	+7 36 0.9	13 59.9	0.355 6546	1 2147	9 12.8
20	11 4 54.77	2 17.05	7 22 1.0	14 1.4	0.354 4399	1 2299	9 11.2
21	11 7 11.82	2 16.80	7 7 59.6	14 2.6	0.353 2100	1 2451	9 9.5
22	11 9 28.62	2 16.56	6 53 57.0	14 3.9	0.351 9649	1 2605	9 7.9
23	11 11 45.18	2 16.31	6 39 53.1	14 5.1	0.350 7044	1 2759	9 6.2
24	11 14 1.49	2 16.07	6 25 48.0	14 6.1	0.349 4285	1 2912	9 4.5
25	11 16 17.56	2 15.84	+6 11 41.9	14 7.1	0.348 1373	1 3066	9 2.9
26	11 18 33.40	2 15.61	5 57 34.8	14 8.0	0.346 8307	1 3219	9 1.2
27	11 20 49.01	2 15.38	5 43 26.8	14 8.8	0.345 5088	1 3373	8 59.5
28	11 23 4.39	2 15.16	5 29 18.0	14 9.5	0.344 1715	1 3529	8 57.8
29	11 25 19.55	2 14.95	5 15 8.5	14 10.1	0.342 8186	1 3685	8 56.1
30	11 27 34.50	2 14.75	5 0 58.4	14 10.7	0.341 4501	1 3844	8 54.4
31	11 29 49.25	2 14.55	+4 46 47.7	14 11.2	0.340 0657	1 4003	8 52.7
Nov. 1	11 32 3.80	2 14.35	4 32 36.5	14 11.5	0.338 6654	1 4164	8 51.0
2	11 34 18.15	2 14.16	4 18 25.0	14 11.8	0.337 2490	1 4326	8 49.3
3	11 36 32.31	2 13.97	4 4 13.2	14 12.0	0.335 8164	1 4491	8 47.6
4	11 38 46.28	2 13.79	3 50 1.2	14 12.1	0.334 3673	1 4657	8 45.9
5	11 41 0.07	2 13.60	3 35 49.1	14 12.0	0.332 9016	1 4823	8 44.2
6	11 43 13.67	2 13.42	+3 21 37.1	14 11.9	0.331 4193	1 4992	8 42.5
7	11 45 27.09	2 13.24	3 7 25.2	14 11.7	0.329 9201	1 5161	8 40.8
8	11 47 40.33	2 13.06	2 53 13.5	14 11.3	0.328 4040	1 5333	8 39.1
9	11 49 53.39	2 12.88	2 39 2.2	14 10.9	0.326 8707	1 5505	8 37.3
10	11 52 6.27	2 12.70	2 24 51.3	14 10.3	0.325 3202	1 5677	8 35.6
11	11 54 18.97	2 12.53	2 10 41.0	14 9.7	0.323 7525	1 5851	8 33.9
12	11 56 31.50	2 12.36	+1 56 31.3	14 8.9	0.322 1674	1 6025	8 32.1
13	11 58 43.86	2 12.18	1 42 22.4	14 8.1	0.320 5649	1 6199	8 30.4
14	12 0 56.04	2 12.01	1 28 14.3	14 7.1	0.318 9450	1 6375	8 28.7
15	12 3 8.05	2 11.84	1 14 7.2	14 6.1	0.317 3075	1 6552	8 26.9
16	12 5 19.89	2 11.67	1 0 1.1	14 5.0	0.315 6523	1 6727	8 25.2
17	12 7 31.56	2 11.50	0 45 56.1	14 3.7	0.313 9796	1 6904	8 23.4
18	12 9 43.06	2 11.34	+0 31 52.4	14 2.4	0.312 2892	1 7081	8 21.7
19	12 11 54.40	2 11.18	0 17 50.0	14 1.0	0.310 5811	1 7258	8 19.9
20	12 14 5.58	2 11.01	+0 3 49.0	13 59.5	0.308 8553	1 7436	8 18.2
21	12 16 16.59	2 10.86	−0 10 10.5	13 58.0	0.307 1117	1 7613	8 16.4
22	12 18 27.45	2 10.71	0 24 8.5	13 56.3	0.305 3504	1 7791	8 14.6
23	12 20 38.16		−0 38 4.8		0.303 5713		8 12.9

Tag	0h Welt-Zeit Scheinbare Rektaszension		0h Welt-Zeit Scheinbare Deklination		0h Welt-Zeit log Δ		Obere Kulmination in Greenwich
1936	h m s	m s	° ′ ″	′ ″			h m
Nov. 23	12 20 38.16	2 10.55	−0 38 4.8	13 54.6	0.303 5713	1 7970	8 12.9
24	12 22 48.71	2 10.40	0 51 59.4	13 52.8	0.301 7743	1 8149	8 11.1
25	12 24 59.11	2 10.25	1 5 52.2	13 50.9	0.299 9594	1 8330	8 9.4
26	12 27 9.36	2 10.12	1 19 43.1	13 49.0	0.298 1264	1 8512	8 7.6
27	12 29 19.48	2 9.98	1 33 32.1	13 47.0	0.296 2752	1 8694	8 5.8
28	12 31 29.46	2 9.86	1 47 19.1	13 44.9	0.294 4058	1 8878	8 4.0
29	12 33 39.32	2 9.72	−2 1 4.0	13 42.8	0.292 5180	1 9064	8 2.3
30	12 35 49.04	2 9.59	2 14 46.8	13 40.5	0.290 6116	1 9251	8 0.5
Dez. 1	12 37 58.63	2 9.47	2 28 27.3	13 38.1	0.288 6865	1 9441	7 58.7
2	12 40 8.10	2 9.33	2 42 5.4	13 35.6	0.286 7424	1 9633	7 56.9
3	12 42 17.43	2 9.21	2 55 41.0	13 33.2	0.284 7791	1 9825	7 55.1
4	12 44 26.64	2 9.09	3 9 14.2	13 30.5	0.282 7966	2 0020	7 53.3
5	12 46 35.73	2 8.95	−3 22 44.7	13 27.8	0.280 7946	2 0216	7 51.5
6	12 48 44.68	2 8.82	3 36 12.5	13 24.9	0.278 7730	2 0413	7 49.8
7	12 50 53.50	2 8.69	3 49 37.4	13 22.0	0.276 7317	2 0613	7 48.0
8	12 53 2.19	2 8.56	4 2 59.4	13 19.0	0.274 6704	2 0812	7 46.2
9	12 55 10.75	2 8.42	4 16 18.4	13 16.0	0.272 5892	2 1013	7 44.4
10	12 57 19.17	2 8.29	4 29 34.4	13 12.7	0.270 4879	2 1214	7 42.6
11	12 59 27.46	2 8.14	−4 42 47.1	13 9.5	0.268 3665	2 1417	7 40.8
12	13 1 35.60	2 8.00	4 55 56.6	13 6.1	0.266 2248	2 1620	7 39.0
13	13 3 43.60	2 7.85	5 9 2.7	13 2.6	0.264 0628	2 1825	7 37.1
14	13 5 51.45	2 7.70	5 22 5.3	12 59.0	0.261 8803	2 2029	7 35.3
15	13 7 59.15	2 7.55	5 35 4.3	12 55.4	0.259 6774	2 2235	7 33.5
16	13 10 6.70	2 7.40	5 47 59.7	12 51.7	0.257 4539	2 2439	7 31.7
17	13 12 14.10	2 7.24	−6 0 51.4	12 47.9	0.255 2100	2 2645	7 29.9
18	13 14 21.34	2 7.08	6 13 39.3	12 44.0	0.252 9455	2 2851	7 28.1
19	13 16 28.42	2 6.92	6 26 23.3	12 40.2	0.250 6604	2 3056	7 26.3
20	13 18 35.34	2 6.77	6 39 3.5	12 36.1	0.248 3548	2 3263	7 24.4
21	13 20 42.11	2 6.60	6 51 39.6	12 32.1	0.246 0285	2 3470	7 22.6
22	13 22 48.71	2 6.45	7 4 11.7	12 28.0	0.243 6815	2 3678	7 20.8
23	13 24 55.16	2 6.28	−7 16 39.7	12 23.8	0.241 3137	2 3886	7 18.9
24	13 27 1.44	2 6.13	7 29 3.5	12 19.6	0.238 9251	2 4097	7 17.1
25	13 29 7.57	2 5.96	7 41 23.1	12 15.3	0.236 5154	2 4307	7 15.2
26	13 31 13.53	2 5.80	7 53 38.4	12 10.9	0.234 0847	2 4520	7 13.4
27	13 33 19.33	2 5.64	8 5 49.3	12 6.6	0.231 6327	2 4734	7 11.6
28	13 35 24.97	2 5.47	8 17 55.9	12 2.0	0.229 1593	2 4950	7 9.7
29	13 37 30.44	2 5.30	−8 29 57.9	11 57.5	0.226 6643	2 5169	7 7.9
30	13 39 35.74	2 5.13	8 41 55.4	11 52.8	0.224 1474	2 5389	7 6.0
31	13 41 40.87	2 4.95	8 53 48.2	11 48.1	0.221 6085	2 5612	7 4.2
32	13 43 45.82		−9 5 36.3		0.219 0473		7 2.3

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	′ ″			h m
Jan. 0	16 39 57.24	53.97	−21 33 3.9	1 45.0	0.792 9620	5407	10 4.7
1	16 40 51.21	53.79	21 34 48.9	1 43.4	0.792 4213	5552	10 1.7
2	16 41 45.00	53.61	21 36 32.3	1 41.8	0.791 8661	5696	9 58.6
3	16 42 38.61	53.41	21 38 14.1	1 40.3	0.791 2965	5839	9 55.6
4	16 43 32.02	53.21	21 39 54.4	1 38.8	0.790 7126	5982	9 52.5
5	16 44 25.23	53.01	21 41 33.2	1 37.2	0.790 1144	6124	9 49.5
6	16 45 18.24	52.79	−21 43 10.4	1 35.6	0.789 5020	6267	9 46.4
7	16 46 11.03	52.58	21 44 46.0	1 34.1	0.788 8753	6408	9 43.4
8	16 47 3.61	52.35	21 46 20.1	1 32.6	0.788 2345	6550	9 40.3
9	16 47 55.96	52.13	21 47 52.7	1 31.1	0.787 5795	6690	9 37.2
10	16 48 48.09	51.89	21 49 23.8	1 29.5	0.786 9105	6831	9 34.2
11	16 49 39.98	51.65	21 50 53.3	1 27.9	0.786 2274	6970	9 31.1
12	16 50 31.63	51.40	−21 52 21.2	1 26.4	0.785 5304	7111	9 28.0
13	16 51 23.03	51.15	21 53 47.6	1 24.9	0.784 8193	7249	9 24.9
14	16 52 14.18	50.88	21 55 12.5	1 23.4	0.784 0944	7389	9 21.9
15	16 53 5.06	50.61	21 56 35.9	1 21.9	0.783 3555	7527	9 18.8
16	16 53 55.67	50.33	21 57 57.8	1 20.4	0.782 6028	7665	9 15.7
17	16 54 46.00	50.04	21 59 18.2	1 18.8	0.781 8363	7804	9 12.6
18	16 55 36.04	49.75	−22 0 37.0	1 17.3	0.781 0559	7941	9 9.5
19	16 56 25.79	49.45	22 1 54.3	1 15.8	0.780 2618	8078	9 6.4
20	16 57 15.24	49.14	22 3 10.1	1 14.3	0.779 4540	8213	9 3.3
21	16 58 4.38	48.83	22 4 24.4	1 12.8	0.778 6327	8349	9 0.1
22	16 58 53.21	48.50	22 5 37.2	1 11.3	0.777 7978	8483	8 57.0
23	16 59 41.71	48.16	22 6 48.5	1 9.9	0.776 9495	8616	8 53.9
24	17 0 29.87	47.82	−22 7 58.4	1 8.5	0.776 0879	8749	8 50.7
25	17 1 17.69	47.47	22 9 6.9	1 7.0	0.775 2130	8880	8 47.6
26	17 2 5.16	47.11	22 10 13.9	1 5.6	0.774 3250	9011	8 44.4
27	17 2 52.27	46.74	22 11 19.5	1 4.1	0.773 4239	9140	8 41.3
28	17 3 39.01	46.38	22 12 23.6	1 2.8	0.772 5099	9268	8 38.1
29	17 4 25.39	45.99	22 13 26.4	1 1.3	0.771 5831	9394	8 35.0
30	17 5 11.38	45.60	−22 14 27.7	1 0.0	0.770 6437	9519	8 31.8
31	17 5 56.98	45.21	22 15 27.7	0 58.5	0.769 6918	9642	8 28.6
Febr. 1	17 6 42.19	44.81	22 16 26.2	0 57.2	0.768 7276	9766	8 25.5
2	17 7 27.00	44.40	22 17 23.4	0 55.8	0.767 7510	9887	8 22.3
3	17 8 11.40	43.98	22 18 19.2	0 54.5	0.766 7623	1 0008	8 19.1
4	17 8 55.38	43.56	22 19 13.7	0 53.2	0.765 7615	1 0128	8 15.9
5	17 9 38.94	43.13	−22 20 6.9	0 51.9	0.764 7487	1 0247	8 12.7
6	17 10 22.07	42.69	22 20 58.8	0 50.6	0.763 7240	1 0364	8 9.4
7	17 11 4.76	42.25	22 21 49.4	0 49.3	0.762 6876	1 0479	8 6.2
8	17 11 47.01	41.80	22 22 38.7	0 48.0	0.761 6397	1 0594	8 2.9
9	17 12 28.81	41.35	22 23 26.7	0 46.8	0.760 5803	1 0708	7 59.7
10	17 13 10.16		−22 24 13.5		0.759 5095		7 56.5

Tag		0h Welt-Zeit: Scheinbare Rektaszension	Diff.	0h Welt-Zeit: Scheinbare Deklination	Diff.	0h Welt-Zeit: log Δ	Diff.	Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	″			h m
Febr.	10	17 13 10.16	40.88	−22 24 13.5	45.5	0.759 5095	1 0820	7 56.5
	11	17 13 51.04	40.40	22 24 59.0	44.3	0.758 4275	1 0932	7 53.2
	12	17 14 31.44	39.93	22 25 43.3	43.1	0.757 3343	1 1043	7 49.9
	13	17 15 11.37	39.44	22 26 26.4	41.9	0.756 2300	1 1152	7 46.7
	14	17 15 50.81	38.94	22 27 8.3	40.7	0.755 1148	1 1259	7 43.4
	15	17 16 29.75	38.43	22 27 49.0	39.5	0.753 9889	1 1366	7 40.1
	16	17 17 8.18	37.92	−22 28 28.5	38.4	0.752 8523	1 1471	7 36.8
	17	17 17 46.10	37.40	22 29 6.9	37.3	0.751 7052	1 1574	7 33.5
	18	17 18 23.50	36.87	22 29 44.2	36.2	0.750 5478	1 1675	7 30.2
	19	17 19 0.37	36.33	22 30 20.4	35.1	0.749 3803	1 1775	7 26.9
	20	17 19 36.70	35.78	22 30 55.5	33.9	0.748 2028	1 1873	7 23.5
	21	17 20 12.48	35.22	22 31 29.4	32.9	0.747 0155	1 1968	7 20.2
	22	17 20 47.70	34.66	−22 32 2.3	31.9	0.745 8187	1 2062	7 16.9
	23	17 21 22.36	34.09	22 32 34.2	30.8	0.744 6125	1 2154	7 13.5
	24	17 21 56.45	33.50	22 33 5.0	29.8	0.743 3971	1 2243	7 10.1
	25	17 22 29.95	32.92	22 33 34.8	28.9	0.742 1728	1 2330	7 6.7
	26	17 23 2.87	32.32	22 34 3.7	27.9	0.740 9398	1 2414	7 3.3
	27	17 23 35.19	31.71	22 34 31.6	26.9	0.739 6984	1 2496	6 59.9
	28	17 24 6.90	31.11	−22 34 58.5	25.9	0.738 4488	1 2576	6 56.5
	29	17 24 38.01	30.50	22 35 24.4	25.0	0.737 1912	1 2653	6 53.1
März	1	17 25 8.51	29.88	22 35 49.4	24.2	0.735 9259	1 2728	6 49.7
	2	17 25 38.39	29.25	22 36 13.6	23.3	0.734 6531	1 2800	6 46.2
	3	17 26 7.64	28.61	22 36 36.9	22.4	0.733 3731	1 2870	6 42.8
	4	17 26 36.25	27.97	22 36 59.3	21.5	0.732 0861	1 2938	6 39.3
	5	17 27 4.22	27.32	−22 37 20.8	20.7	0.730 7923	1 3003	6 35.9
	6	17 27 31.54	26.67	22 37 41.5	19.9	0.729 4920	1 3067	6 32.4
	7	17 27 58.21	26.01	22 38 1.4	19.1	0.728 1853	1 3128	6 28.9
	8	17 28 24.22	25.34	22 38 20.5	18.3	0.726 8725	1 3186	6 25.4
	9	17 28 49.56	24.67	22 38 38.8	17.6	0.725 5539	1 3242	6 21.9
	10	17 29 14.23	23.99	22 38 56.4	16.8	0.724 2297	1 3295	6 18.4
	11	17 29 38.22	23.30	−22 39 13.2	16.0	0.722 9002	1 3346	6 14.8
	12	17 30 1.52	22.60	22 39 29.2	15.4	0.721 5656	1 3394	6 11.3
	13	17 30 24.12	21.90	22 39 44.6	14.6	0.720 2262	1 3439	6 7.7
	14	17 30 46.02	21.20	22 39 59.2	14.0	0.718 8823	1 3481	6 4.1
	15	17 31 7.22	20.48	22 40 13.2	13.3	0.717 5342	1 3521	6 0.5
	16	17 31 27.70	19.75	22 40 26.5	12.6	0.716 1821	1 3557	5 56.9
	17	17 31 47.45	19.03	−22 40 39.1	12.0	0.714 8264	1 3590	5 53.3
	18	17 32 6.48	18.29	22 40 51.1	11.3	0.713 4674	1 3619	5 49.7
	19	17 32 24.77	17.55	22 41 2.4	10.7	0.712 1055	1 3646	5 46.1
	20	17 32 42.32	16.80	22 41 13.1	10.2	0.710 7409	1 3669	5 42.4
	21	17 32 59.12	16.04	22 41 23.3	9.5	0.709 3740	1 3688	5 38.8
	22	17 33 15.16		−22 41 32.8		0.708 0052		5 35.1

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	″			h m
März	22	17 33 15.16	15.28	−22 41 32.8	9.0	0.708 0052	1 3702	5 35.1
	23	17 33 30.44	14.51	22 41 41.8	8.5	0.706 6350	1 3713	5 31.4
	24	17 33 44.95	13.74	22 41 50.3	7.9	0.705 2637	1 3720	5 27.7
	25	17 33 58.69	12.96	22 41 58.2	7.4	0.703 8917	1 3723	5 24.0
	26	17 34 11.65	12.19	22 42 5.6	6.9	0.702 5194	1 3721	5 20.3
	27	17 34 23.84	11.40	22 42 12.5	6.3	0.701 1473	1 3716	5 16.6
	28	17 34 35.24	10.62	−22 42 18.8	5.8	0.699 7757	1 3706	5 12.9
	29	17 34 45.86	9.83	22 42 24.6	5.4	0.698 4051	1 3692	5 9.1
	30	17 34 55.69	9.03	22 42 30.0	4.9	0.697 0359	1 3675	5 5.3
	31	17 35 4.72	8.24	22 42 34.9	4.4	0.695 6684	1 3652	5 1.5
April	1	17 35 12.96	7.44	22 42 39.3	3.9	0.694 3032	1 3627	4 57.7
	2	17 35 20.40	6.65	22 42 43.2	3.5	0.692 9405	1 3598	4 53.9
	3	17 35 27.05	5.84	−22 42 46.7	3.0	0.691 5807	1 3564	4 50.1
	4	17 35 32.89	5.04	22 42 49.7	2.6	0.690 2243	1 3526	4 46.2
	5	17 35 37.93	4.24	22 42 52.3	2.1	0.688 8717	1 3485	4 42.4
	6	17 35 42.17	3.44	22 42 54.4	1.7	0.687 5232	1 3438	4 38.5
	7	17 35 45.61	2.62	22 42 56.1	1.3	0.686 1794	1 3388	4 34.7
	8	17 35 48.23	1.82	22 42 57.4	0.8	0.684 8406	1 3334	4 30.8
	9	17 35 50.05	1.01	−22 42 58.2	0.4	0.683 5072	1 3274	4 26.9
	10	17 35 51.06	0.19	22 42 58.6	0.0	0.682 1798	1 3210	4 23.0
	11	17 35 51.25	0.62	22 42 58.6	0.4	0.680 8588	1 3142	4 19.0
	12	17 35 50.63	1.44	22 42 58.2	0.8	0.679 5446	1 3069	4 15.1
	13	17 35 49.19	2.25	22 42 57.4	1.2	0.678 2377	1 2991	4 11.1
	14	17 35 46.94	3.06	22 42 56.2	1.6	0.676 9386	1 2908	4 7.2
	15	17 35 43.88	3.88	−22 42 54.6	2.1	0.675 6478	1 2820	4 3.2
	16	17 35 40.00	4.69	22 42 52.5	2.5	0.674 3658	1 2726	3 59.2
	17	17 35 35.31	5.50	22 42 50.0	2.9	0.673 0932	1 2628	3 55.2
	18	17 35 29.81	6.32	22 42 47.1	3.2	0.671 8304	1 2525	3 51.1
	19	17 35 23.49	7.12	22 42 43.9	3.7	0.670 5779	1 2416	3 47.1
	20	17 35 16.37	7.93	22 42 40.2	4.1	0.669 3363	1 2301	3 43.0
	21	17 35 8.44	8.73	−22 42 36.1	4.5	0.668 1062	1 2182	3 39.0
	22	17 34 59.71	9.53	22 42 31.6	4.9	0.666 8880	1 2055	3 34.9
	23	17 34 50.18	10.32	22 42 26.7	5.4	0.665 6825	1 1924	3 30.8
	24	17 34 39.86	11.10	22 42 21.3	5.7	0.664 4901	1 1787	3 26.7
	25	17 34 28.76	11.87	22 42 15.6	6.2	0.663 3114	1 1645	3 22.6
	26	17 34 16.89	12.64	22 42 9.4	6.6	0.662 1469	1 1498	3 18.5
	27	17 34 4.25	13.41	−22 42 2.8	7.1	0.660 9971	1 1347	3 14.3
	28	17 33 50.84	14.15	22 41 55.7	7.5	0.659 8624	1 1190	3 10.2
	29	17 33 36.69	14.90	22 41 48.2	7.9	0.658 7434	1 1028	3 6.0
	30	17 33 21.79	15.64	22 41 40.3	8.4	0.657 6406	1 0861	3 1.8
Mai	1	17 33 6.15	16.36	22 41 31.9	8.9	0.656 5545	1 0690	2 57.6
	2	17 32 49.79		−22 41 23.0		0.655 4855		2 53.4

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	″			h m
Mai 2	17 32 49.79	17.09	−22 41 23.0	9.3	0.655 4855	1 0513	2 53.4
3	17 32 32.70	17.79	22 41 13.7	9.8	0.654 4342	1 0331	2 49.2
4	17 32 14.91	18.49	22 41 3.9	10.3	0.653 4011	1 0146	2 45.0
5	17 31 56.42	19.17	22 40 53.6	10.8	0.652 3865	9955	2 40.7
6	17 31 37.25	19.86	22 40 42.8	11.3	0.651 3910	9760	2 36.5
7	17 31 17.39	20.52	22 40 31.5	11.8	0.650 4150	9560	2 32.2
8	17 30 56.87	21.17	−22 40 19.7	12.3	0.649 4590	9356	2 27.9
9	17 30 35.70	21.82	22 40 7.4	12.8	0.648 5234	9145	2 23.7
10	17 30 13.88	22.45	22 39 54.6	13.3	0.647 6089	8932	2 19.4
11	17 29 51.43	23.07	22 39 41.3	13.8	0.646 7157	8712	2 15.1
12	17 29 28.36	23.68	22 39 27.5	14.3	0.645 8445	8489	2 10.7
13	17 29 4.68	24.27	22 39 13.2	14.9	0.644 9956	8260	2 6.4
14	17 28 40.41	24.84	−22 38 58.3	15.4	0.644 1696	8027	2 2.1
15	17 28 15.57	25.41	22 38 42.9	16.0	0.643 3669	7789	1 57.7
16	17 27 50.16	25.95	22 38 26.9	16.5	0.642 5880	7547	1 53.4
17	17 27 24.21	26.49	22 38 10.4	17.0	0.641 8333	7300	1 49.0
18	17 26 57.72	27.00	22 37 53.4	17.6	0.641 1033	7049	1 44.6
19	17 26 30.72	27.50	22 37 35.8	18.1	0.640 3984	6793	1 40.3
20	17 26 3.22	27.97	−22 37 17.7	18.6	0.639 7191	6533	1 35.9
21	17 25 35.25	28.43	22 36 59.1	19.1	0.639 0658	6269	1 31.5
22	17 25 6.82	28.86	22 36 40.0	19.7	0.638 4389	6002	1 27.1
23	17 24 37.96	29.28	22 36 20.3	20.3	0.637 8387	5732	1 22.7
24	17 24 8.68	29.67	22 36 0.0	20.7	0.637 2655	5458	1 18.2
25	17 23 39.01	30.04	22 35 39.3	21.3	0.636 7197	5181	1 13.8
26	17 23 8.97	30.39	−22 35 18.0	21.8	0.636 2016	4901	1 9.4
27	17 22 38.58	30.72	22 34 56.2	22.4	0.635 7115	4620	1 5.0
28	17 22 7.86	31.03	22 34 33.8	22.8	0.635 2495	4336	1 0.5
29	17 21 36.83	31.31	22 34 11.0	23.4	0.634 8159	4049	0 56.1
30	17 21 5.52	31.58	22 33 47.6	23.8	0.634 4110	3761	0 51.6
31	17 20 33.94	31.83	22 33 23.8	24.3	0.634 0349	3471	0 47.2
Juni 1	17 20 2.11	32.05	−22 32 59.5	24.8	0.633 6878	3179	0 42.7
2	17 19 30.06	32.25	22 32 34.7	25.2	0.633 3699	2886	0 38.3
3	17 18 57.81	32.42	22 32 9.5	25.7	0.633 0813	2592	0 33.8
4	17 18 25.39	32.58	22 31 43.8	26.1	0.632 8221	2297	0 29.3
5	17 17 52.81	32.71	22 31 17.7	26.5	0.632 5924	1999	0 24.8
6	17 17 20.10	32.82	22 30 51.2	26.9	0.632 3925	1701	0 20.4
7	17 16 47.28	32.92	−22 30 24.3	27.3	0.632 2224	1403	0 15.9
8	17 16 14.36	32.99	22 29 57.0	27.6	0.632 0821	1103	0 11.4
9	17 15 41.37	33.03	22 29 29.4	28.0	0.631 9718	803	0 6.9
10	17 15 8.34	33.06	22 29 1.4	28.2	0.631 8915	503	{ 0 2.4 / 23 58.0 }
11	17 14 35.28	33.07	22 28 33.2	28.6	0.631 8412	202	23 53.5
12	17 14 2.21		−22 28 4.6		0.631 8210		23 49.0

Tag	0h Welt-Zeit: Scheinbare Rektaszension		0h Welt-Zeit: Scheinbare Deklination		0h Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	″			h m
Juni 12	17 14 2.21	33.04	−22 28 4.6	28.8	0.631 8210	100	23 49.0
13	17 13 29.17	33.00	22 27 35.8	29.1	0.631 8310	401	23 44.5
14	17 12 56.17	32.93	22 27 6.7	29.3	0.631 8711	703	23 40.1
15	17 12 23.24	32.83	22 26 37.4	29.4	0.631 9414	1004	23 35.6
16	17 11 50.41	32.72	22 26 8.0	29.6	0.632 0418	1305	23 31.1
17	17 11 17.69	32.59	22 25 38.4	29.7	0.632 1723	1605	23 26.6
18	17 10 45.10	32.42	−22 25 8.7	29.8	0.632 3328	1903	23 22.2
19	17 10 12.68	32.23	22 24 38.9	29.9	0.632 5231	2200	23 17.7
20	17 9 40.45	32.02	22 24 9.0	29.9	0.632 7431	2496	23 13.2
21	17 9 8.43	31.78	22 23 39.1	29.9	0.632 9927	2788	23 8.8
22	17 8 36.65	31.53	22 23 9.2	29.8	0.633 2715	3080	23 4.3
23	17 8 5.12	31.25	22 22 39.4	29.8	0.633 5795	3368	22 59.9
24	17 7 33.87	30.94	−22 22 9.6	29.7	0.633 9163	3654	22 55.4
25	17 7 2.93	30.63	22 21 39.9	29.5	0.634 2817	3937	22 51.0
26	17 6 32.30	30.28	22 21 10.4	29.4	0.634 6754	4218	22 46.6
27	17 6 2.02	29.91	22 20 41.0	29.1	0.635 0972	4494	22 42.1
28	17 5 32.11	29.54	22 20 11.9	28.9	0.635 5466	4769	22 37.7
29	17 5 2.57	29.14	22 19 43.0	28.6	0.636 0235	5038	22 33.3
30	17 4 33.43	28.71	−22 19 14.4	28.3	0.636 5273	5306	22 28.9
Juli 1	17 4 4.72	28.28	22 18 46.1	28.0	0.637 0579	5568	22 24.5
2	17 3 36.44	27.83	22 18 18.1	27.6	0.637 6147	5828	22 20.1
3	17 3 8.61	27.35	22 17 50.5	27.1	0.638 1975	6084	22 15.7
4	17 2 41.26	26.87	22 17 23.4	26.7	0.638 8059	6337	22 11.3
5	17 2 14.39	26.37	22 16 56.7	26.2	0.639 4396	6585	22 7.0
6	17 1 48.02	25.85	−22 16 30.5	25.7	0.640 0981	6829	22 2.6
7	17 1 22.17	25.32	22 16 4.8	25.1	0.640 7810	7071	21 58.3
8	17 0 56.85	24.77	22 15 39.7	24.5	0.641 4881	7307	21 53.9
9	17 0 32.08	24.20	22 15 15.2	23.9	0.642 2188	7540	21 49.6
10	17 0 7.88	23.63	22 14 51.3	23.2	0.642 9728	7770	21 45.3
11	16 59 44.25	23.03	22 14 28.1	22.5	0.643 7498	7995	21 40.9
12	16 59 21.22	22.43	−22 14 5.6	21.7	0.644 5493	8216	21 36.6
13	16 58 58.79	21.81	22 13 43.9	20.9	0.645 3709	8432	21 32.3
14	16 58 36.98	21.17	22 13 23.0	20.2	0.646 2141	8645	21 28.1
15	16 58 15.81	20.53	22 13 2.8	19.3	0.647 0786	8852	21 23.8
16	16 57 55.28	19.87	22 12 43.5	18.4	0.647 9638	9054	21 19.5
17	16 57 35.41	19.19	22 12 25.1	17.5	0.648 8692	9252	21 15.3
18	16 57 16.22	18.51	−22 12 7.6	16.6	0.649 7944	9445	21 11.0
19	16 56 57.71	17.82	22 11 51.0	15.7	0.650 7389	9632	21 6.8
20	16 56 39.89	17.11	22 11 35.3	14.7	0.651 7021	9814	21 2.6
21	16 56 22.78	16.39	22 11 20.6	13.7	0.652 6835	9990	20 58.4
22	16 56 6.39	15.66	22 11 6.9	12.7	0.653 6825	1 0162	20 54.2
23	16 55 50.73		−22 10 54.2		0.654 6987		20 50.0

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	″			h m
Juli	23	16 55 50.73	14.94	−22 10 54.2	11.6	0.654 6987	1 0328	20 50.0
	24	16 55 35.79	14.19	22 10 42.6	10.6	0.655 7315	1 0489	20 45.8
	25	16 55 21.60	13.45	22 10 32.0	9.4	0.656 7804	1 0643	20 41.7
	26	16 55 8.15	12.70	22 10 22.6	8.3	0.657 8447	1 0793	20 37.6
	27	16 54 55.45	11.94	22 10 14.3	7.3	0.658 9240	1 0938	20 33.4
	28	16 54 43.51	11.18	22 10 7.0	6.1	0.660 0178	1 1077	20 29.3
	29	16 54 32.33	10.42	−22 10 0.9	4.9	0.661 1255	1 1211	20 25.2
	30	16 54 21.91	9.64	22 9 56.0	3.8	0.662 2466	1 1341	20 21.1
	31	16 54 12.27	8.86	22 9 52.2	2.6	0.663 3807	1 1465	20 17.0
Aug.	1	16 54 3.41	8.08	22 9 49.6	1.4	0.664 5272	1 1584	20 12.9
	2	16 53 55.33	7.31	22 9 48.2	0.1	0.665 6856	1 1699	20 8.9
	3	16 53 48.02	6.52	22 9 48.1	1.0	0.666 8555	1 1808	20 4.8
	4	16 53 41.50	5.74	−22 9 49.1	2.2	0.668 0363	1 1913	20 0.8
	5	16 53 35.76	4.96	22 9 51.3	3.5	0.669 2276	1 2014	19 56.8
	6	16 53 30.80	4.17	22 9 54.8	4.7	0.670 4290	1 2110	19 52.8
	7	16 53 26.63	3.38	22 9 59.5	6.0	0.671 6400	1 2201	19 48.8
	8	16 53 23.25	2.58	22 10 5.5	7.2	0.672 8601	1 2289	19 44.8
	9	16 53 20.67	1.80	22 10 12.7	8.4	0.674 0890	1 2370	19 40.9
	10	16 53 18.87	0.99	−22 10 21.1	9.7	0.675 3260	1 2449	19 36.9
	11	16 53 17.88	0.20	22 10 30.8	10.9	0.676 5709	1 2522	19 33.0
	12	16 53 17.68	0.60	22 10 41.7	12.2	0.677 8231	1 2591	19 29.0
	13	16 53 18.28	1.40	22 10 53.9	13.4	0.679 0822	1 2655	19 25.1
	14	16 53 19.68	2.20	22 11 7.3	14.7	0.680 3477	1 2715	19 21.2
	15	16 53 21.88	3.00	22 11 22.0	15.9	0.681 6192	1 2770	19 17.4
	16	16 53 24.88	3.79	−22 11 37.9	17.2	0.682 8962	1 2820	19 13.5
	17	16 53 28.67	4.60	22 11 55.1	18.3	0.684 1782	1 2865	19 9.6
	18	16 53 33.27	5.39	22 12 13.4	19.6	0.685 4647	1 2905	19 5.8
	19	16 53 38.66	6.19	22 12 33.0	20.8	0.686 7552	1 2942	19 1.9
	20	16 53 44.85	6.98	22 12 53.8	22.0	0.688 0494	1 2973	18 58.1
	21	16 53 51.83	7.76	22 13 15.8	23.1	0.689 3467	1 3001	18 54.3
	22	16 53 59.59	8.56	−22 13 38.9	24.3	0.690 6468	1 3024	18 50.5
	23	16 54 8.15	9.33	22 14 3.2	25.5	0.691 9492	1 3044	18 46.8
	24	16 54 17.48	10.11	22 14 28.7	26.6	0.693 2536	1 3058	18 43.0
	25	16 54 27.59	10.89	22 14 55.3	27.7	0.694 5594	1 3070	18 39.2
	26	16 54 38.48	11.66	22 15 23.0	28.8	0.695 8664	1 3076	18 35.5
	27	16 54 50.14	12.42	22 15 51.8	29.9	0.697 1740	1 3079	18 31.8
	28	16 55 2.56	13.18	−22 16 21.7	31.0	0.698 4819	1 3078	18 28.0
	29	16 55 15.74	13.93	22 16 52.7	32.0	0.699 7897	1 3074	18 24.3
	30	16 55 29.67	14.69	22 17 24.7	33.1	0.701 0971	1 3067	18 20.7
	31	16 55 44.36	15.43	22 17 57.8	34.0	0.702 4038	1 3056	18 17.0
Sept.	1	16 55 59.79	16.17	22 18 31.8	35.0	0.703 7094	1 3043	18 13.3
	2	16 56 15.96		−22 19 6.8		0.705 0137		18 9.6

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	″			h m
Sept. 2	16 56 15.96	16.90	−22 19 6.8	36.0	0.705 0137	1 3026	18 9.6
3	16 56 32.86	17.64	22 19 42.8	36.9	0.706 3163	1 3006	18 6.0
4	16 56 50.50	18.36	22 20 19.7	37.9	0.707 6169	1 2984	18 2.4
5	16 57 8.86	19.08	22 20 57.6	38.8	0.708 9153	1 2958	17 58.8
6	16 57 27.94	19.80	22 21 36.4	39.6	0.710 2111	1 2930	17 55.2
7	16 57 47.74	20.51	22 22 16.0	40.4	0.711 5041	1 2899	17 51.6
8	16 58 8.25	21.22	−22 22 56.4	41.3	0.712 7940	1 2864	17 48.0
9	16 58 29.47	21.92	22 23 37.7	42.1	0.714 0804	1 2827	17 44.4
10	16 58 51.39	22.62	22 24 19.8	42.8	0.715 3631	1 2786	17 40.8
11	16 59 14.01	23.32	22 25 2.6	43.6	0.716 6417	1 2743	17 37.3
12	16 59 37.33	24.01	22 25 46.2	44.3	0.717 9160	1 2696	17 33.8
13	17 0 1.34	24.70	22 26 30.5	45.0	0.719 1856	1 2647	17 30.2
14	17 0 26.04	25.37	−22 27 15.5	45.6	0.720 4503	1 2594	17 26.7
15	17 0 51.41	26.05	22 28 1.1	46.2	0.721 7097	1 2540	17 23.2
16	17 1 17.46	26.71	22 28 47.3	46.9	0.722 9637	1 2481	17 19.7
17	17 1 44.17	27.37	22 29 34.2	47.4	0.724 2118	1 2420	17 16.2
18	17 2 11.54	28.02	22 30 21.6	47.9	0.725 4538	1 2356	17 12.8
19	17 2 39.56	28.68	22 31 9.5	48.4	0.726 6894	1 2291	17 9.3
20	17 3 8.24	29.31	−22 31 57.9	48.9	0.727 9185	1 2222	17 5.9
21	17 3 37.55	29.95	22 32 46.8	49.4	0.729 1407	1 2151	17 2.4
22	17 4 7.50	30.57	22 33 36.2	49.8	0.730 3558	1 2077	16 59.0
23	17 4 38.07	31.20	22 34 26.0	50.1	0.731 5635	1 2002	16 55.6
24	17 5 9.27	31.80	22 35 16.1	50.5	0.732 7637	1 1924	16 52.2
25	17 5 41.07	32.41	22 36 6.6	50.8	0.733 9561	1 1844	16 48.8
26	17 6 13.48	33.01	−22 36 57.4	51.1	0.735 1405	1 1763	16 45.4
27	17 6 46.49	33.59	22 37 48.5	51.4	0.736 3168	1 1679	16 42.0
28	17 7 20.08	34.17	22 38 39.9	51.6	0.737 4847	1 1595	16 38.6
29	17 7 54.25	34.75	22 39 31.5	51.8	0.738 6442	1 1507	16 35.3
30	17 8 29.00	35.32	22 40 23.3	51.9	0.739 7949	1 1419	16 31.9
Okt. 1	17 9 4.32	35.89	22 41 15.2	52.1	0.740 9368	1 1330	16 28.6
2	17 9 40.21	36.44	−22 42 7.3	52.2	0.742 0698	1 1238	16 25.3
3	17 10 16.65	36.99	22 42 59.5	52.2	0.743 1936	1 1145	16 21.9
4	17 10 53.64	37.54	22 43 51.7	52.2	0.744 3081	1 1052	16 18.6
5	17 11 31.18	38.07	22 44 43.9	52.3	0.745 4133	1 0956	16 15.3
6	17 12 9.25	38.61	22 45 36.2	52.2	0.746 5089	1 0859	16 12.0
7	17 12 47.86	39.14	22 46 28.4	52.2	0.747 5948	1 0759	16 8.7
8	17 13 27.00	39.66	−22 47 20.6	52.1	0.748 6707	1 0658	16 5.5
9	17 14 6.66	40.18	22 48 12.7	51.9	0.749 7365	1 0556	16 2.2
10	17 14 46.84	40.69	22 49 4.6	51.8	0.750 7921	1 0451	15 58.9
11	17 15 27.53	41.20	22 49 56.4	51.6	0.751 8372	1 0346	15 55.7
12	17 16 8.73	41.69	22 50 48.0	51.4	0.752 8718	1 0238	15 52.5
13	17 16 50.42		−22 51 39.4		0.753 8956		15 49.2

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	″			h m
Okt.	13	17 16 50.42	42.18	−22 51 39.4	51.1	0.753 8956	1 0129	15 49.2
	14	17 17 32.60	42.67	22 52 30.5	50.9	0.754 9085	1 0018	15 46.0
	15	17 18 15.27	43.14	22 53 21.4	50.5	0.755 9103	9906	15 42.8
	16	17 18 58.41	43.62	22 54 11.9	50.2	0.756 9009	9792	15 39.6
	17	17 19 42.03	44.08	22 55 2.1	49.8	0.757 8801	9677	15 36.4
	18	17 20 26.11	44.53	22 55 51.9	49.5	0.758 8478	9560	15 33.2
	19	17 21 10.64	44.98	−22 56 41.4	49.0	0.759 8038	9442	15 30.0
	20	17 21 55.62	45.43	22 57 30.4	48.5	0.760 7480	9324	15 26.8
	21	17 22 41.05	45.86	22 58 18.9	48.0	0.761 6804	9204	15 23.6
	22	17 23 26.91	46.28	22 59 6.9	47.5	0.762 6008	9083	15 20.4
	23	17 24 13.19	46.70	22 59 54.4	47.0	0.763 5091	8961	15 17.3
	24	17 24 59.89	47.12	23 0 41.4	46.4	0.764 4052	8838	15 14.1
	25	17 25 47.01	47.52	−23 1 27.8	45.8	0.765 2890	8714	15 11.0
	26	17 26 34.53	47.91	23 2 13.6	45.1	0.766 1604	8589	15 7.8
	27	17 27 22.44	48.30	23 2 58.7	44.5	0.767 0193	8464	15 4.7
	28	17 28 10.74	48.69	23 3 43.2	43.8	0.767 8657	8338	15 1.6
	29	17 28 59.43	49.06	23 4 27.0	43.1	0.768 6995	8212	14 58.5
	30	17 29 48.49	49.44	23 5 10.1	42.3	0.769 5207	8085	14 55.3
	31	17 30 37.93	49.79	−23 5 52.4	41.6	0.770 3292	7957	14 52.2
Nov.	1	17 31 27.72	50.16	23 6 34.0	40.8	0.771 1249	7828	14 49.1
	2	17 32 17.88	50.52	23 7 14.8	40.0	0.771 9077	7700	14 46.0
	3	17 33 8.40	50.87	23 7 54.8	39.1	0.772 6777	7569	14 43.0
	4	17 33 59.27	51.21	23 8 33.9	38.3	0.773 4346	7438	14 39.9
	5	17 34 50.48	51.54	23 9 12.2	37.4	0.774 1784	7307	14 36.8
	6	17 35 42.02	51.88	−23 9 49.6	36.5	0.774 9091	7174	14 33.7
	7	17 36 33.90	52.20	23 10 26.1	35.6	0.775 6265	7040	14 30.7
	8	17 37 26.10	52.52	23 11 1.7	34.5	0.776 3305	6905	14 27.6
	9	17 38 18.62	52.84	23 11 36.2	33.6	0.777 0210	6770	14 24.5
	10	17 39 11.46	53.14	23 12 9.8	32.6	0.777 6980	6634	14 21.5
	11	17 40 4.60	53.44	23 12 42.4	31.5	0.778 3614	6496	14 18.4
	12	17 40 58.04	53.74	−23 13 13.9	30.5	0.779 0110	6359	14 15.4
	13	17 41 51.78	54.02	23 13 44.4	29.4	0.779 6469	6219	14 12.4
	14	17 42 45.80	54.29	23 14 13.8	28.4	0.780 2688	6080	14 9.3
	15	17 43 40.09	54.57	23 14 42.2	27.2	0.780 8768	5939	14 6.3
	16	17 44 34.66	54.84	23 15 9.4	26.1	0.781 4707	5799	14 3.3
	17	17 45 29.50	55.09	23 15 35.5	24.9	0.782 0506	5657	14 0.3
	18	17 46 24.59	55.34	−23 16 0.4	23.8	0.782 6163	5514	13 57.2
	19	17 47 19.93	55.59	23 16 24.2	22.6	0.783 1677	5373	13 54.2
	20	17 48 15.52	55.82	23 16 46.8	21.4	0.783 7050	5229	13 51.2
	21	17 49 11.34	56.05	23 17 8.2	20.1	0.784 2279	5086	13 48.2
	22	17 50 7.39	56.28	23 17 28.3	19.0	0.784 7365	4943	13 45.2
	23	17 51 3.67		−23 17 47.3		0.785 2308		13 42.2

Tag	0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	″			h m
Nov. 23	17 51 3.67	56.49	−23 17 47.3	17.7	0.785 2308	4799	13 42.2
24	17 52 0.16	56.69	23 18 5.0	16.5	0.785 7107	4655	13 39.2
25	17 52 56.85	56.90	23 18 21.5	15.2	0.786 1762	4511	13 36.2
26	17 53 53.75	57.10	23 18 36.7	13.9	0.786 6273	4367	13 33.3
27	17 54 50.85	57.28	23 18 50.6	12.6	0.787 0640	4223	13 30.3
28	17 55 48.13	57.47	23 19 3.2	11.3	0.787 4863	4078	13 27.3
29	17 56 45.60	57.65	−23 19 14.5	9.9	0.787 8941	3934	13 24.3
30	17 57 43.25	57.82	23 19 24.4	8.6	0.788 2875	3789	13 21.3
Dez. 1	17 58 41.07	57.99	23 19 33.0	7.2	0.788 6664	3644	13 18.3
2	17 59 39.06	58.15	23 19 40.2	5.9	0.789 0308	3498	13 15.4
3	18 0 37.21	58.32	23 19 46.1	4.5	0.789 3806	3352	13 12.4
4	18 1 35.53	58.46	23 19 50.6	3.1	0.789 7158	3205	13 9.5
5	18 2 33.99	58.61	−23 19 53.7	1.7	0.790 0363	3058	13 6.5
6	18 3 32.60	58.75	23 19 55.4	0.3	0.790 3421	2910	13 3.6
7	18 4 31.35	58.89	23 19 55.7	$\overline{1.1}$	0.790 6331	2761	13 0.6
8	18 5 30.24	59.01	23 19 54.6	2.6	0.790 9092	2612	12 57.6
9	18 6 29.25	59.14	23 19 52.0	4.0	0.791 1704	2463	12 54.7
10	18 7 28.39	59.25	23 19 48.0	5.4	0.791 4167	2314	12 51.7
11	18 8 27.64	59.35	−23 19 42.6	6.9	0.791 6481	2164	12 48.8
12	18 9 26.99	59.45	23 19 35.7	8.3	0.791 8645	2014	12 45.8
13	18 10 26.44	59.55	23 19 27.4	9.7	0.792 0659	1863	12 42.9
14	18 11 25.99	59.63	23 19 17.7	11.2	0.792 2522	1713	12 39.9
15	18 12 25.62	59.72	23 19 6.5	12.7	0.792 4235	1562	12 37.0
16	18 13 25.34	59.78	23 18 53.8	14.1	0.792 5797	1410	12 34.1
17	18 14 25.12	59.85	−23 18 39.7	15.6	0.792 7207	1259	12 31.1
18	18 15 24.97	59.91	23 18 24.1	17.0	0.792 8466	1107	12 28.2
19	18 16 24.88	59.97	23 18 7.1	18.5	0.792 9573	956	12 25.3
20	18 17 24.85	60.00	23 17 48.6	20.0	0.793 0529	805	12 22.3
21	18 18 24.85	60.05	23 17 28.6	21.4	0.793 1334	654	12 19.4
22	18 19 24.90	60.07	23 17 7.2	22.9	0.793 1988	504	12 16.4
23	18 20 24.97	60.10	−23 16 44.3	24.3	0.793 2492	352	12 13.5
24	18 21 25.07	60.12	23 16 20.0	25.8	0.793 2844	202	12 10.6
25	18 22 25.19	60.14	23 15 54.2	27.3	0.793 3046	52	12 7.6
26	18 23 25.33	60.14	23 15 26.9	28.7	0.793 3098	$\overline{98}$	12 4.7
27	18 24 25.47	60.14	23 14 58.2	30.1	0.793 3000	249	12 1.7
28	18 25 25.61	60.15	23 14 28.1	31.6	0.793 2751	398	11 58.8
29	18 26 25.76	60.14	−23 13 56.5	33.0	0.793 2353	549	11 55.9
30	18 27 25.90	60.13	23 13 23.5	34.5	0.793 1804	699	11 53.0
31	18 28 26.03	60.10	23 12 49.0	35.9	0.793 1105	849	11 50.0
32	18 29 26.13		−23 12 13.1		0.793 0256		11 47.1

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	′ ″			h m
Jan.	0	22 33 11.71	18.96	−10 59 44.3	1 57.1	1.008 2808	5925	15 56.8
	1	22 33 30.67	19.23	10 57 47.2	1 58.7	1.008 8733	5852	15 53.2
	2	22 33 49.90	19.50	10 55 48.5	2 0.3	1.009 4585	5780	15 49.6
	3	22 34 9.40	19.76	10 53 48.2	2 1.8	1.010 0365	5705	15 46.0
	4	22 34 29.16	20.02	10 51 46.4	2 3.2	1.010 6070	5630	15 42.4
	5	22 34 49.18	20.27	10 49 43.2	2 4.7	1.011 1700	5553	15 38.8
	6	22 35 9.45	20.52	−10 47 38.5	2 6.1	1.011 7253	5476	15 35.2
	7	22 35 29.97	20.76	10 45 32.4	2 7.6	1.012 2729	5398	15 31.6
	8	22 35 50.73	21.00	10 43 24.8	2 9.0	1.012 8127	5318	15 28.0
	9	22 36 11.73	21.24	10 41 15.8	2 10.3	1.013 3445	5238	15 24.4
	10	22 36 32.97	21.47	10 39 5.5	2 11.7	1.013 8683	5158	15 20.9
	11	22 36 54.44	21.70	10 36 53.8	2 13.0	1.014 3841	5076	15 17.3
	12	22 37 16.14	21.93	−10 34 40.8	2 14.3	1.014 8917	4993	15 13.7
	13	22 37 38.07	22.15	10 32 26.5	2 15.5	1.015 3910	4909	15 10.2
	14	22 38 0.22	22.36	10 30 11.0	2 16.9	1.015 8819	4825	15 6.6
	15	22 38 22.58	22.58	10 27 54.1	2 18.1	1.016 3644	4739	15 3.0
	16	22 38 45.16	22.78	10 25 36.0	2 19.4	1.016 8383	4652	14 59.5
	17	22 39 7.94	22.99	10 23 16.6	2 20.5	1.017 3035	4566	14 55.9
	18	22 39 30.93	23.19	−10 20 56.1	2 21.7	1.017 7601	4477	14 52.4
	19	22 39 54.12	23.39	10 18 34.4	2 22.8	1.018 2078	4387	14 48.8
	20	22 40 17.51	23.57	10 16 11.6	2 24.0	1.018 6465	4298	14 45.3
	21	22 40 41.08	23.76	10 13 47.6	2 25.0	1.019 0763	4206	14 41.7
	22	22 41 4.84	23.95	10 11 22.6	2 26.1	1.019 4969	4115	14 38.2
	23	22 41 28.79	24.12	10 8 56.5	2 27.2	1.019 9084	4022	14 34.7
	24	22 41 52.91	24.29	−10 6 29.3	2 28.2	1.020 3106	3928	14 31.1
	25	22 42 17.20	24.46	10 4 1.1	2 29.2	1.020 7034	3834	14 27.6
	26	22 42 41.66	24.62	10 1 31.9	2 30.1	1.021 0868	3740	14 24.1
	27	22 43 6.28	24.78	9 59 1.8	2 31.0	1.021 4608	3645	14 20.6
	28	22 43 31.06	24.93	9 56 30.8	2 31.9	1.021 8253	3548	14 17.1
	29	22 43 55.99	25.09	9 53 58.9	2 32.8	1.022 1801	3452	14 13.5
	30	22 44 21.08	25.22	− 9 51 26.1	2 33.6	1.022 5253	3355	14 10.0
	31	22 44 46.30	25.37	9 48 52.5	2 34.5	1.022 8608	3258	14 6.5
Febr.	1	22 45 11.67	25.50	9 46 18.0	2 35.3	1.023 1866	3160	14 3.0
	2	22 45 37.17	25.63	9 43 42.7	2 36.0	1.023 5026	3061	13 59.5
	3	22 46 2.80	25.75	9 41 6.7	2 36.8	1.023 8087	2963	13 56.0
	4	22 46 28.55	25.88	9 38 29.9	2 37.5	1.024 1050	2865	13 52.5
	5	22 46 54.43	25.99	− 9 35 52.4	2 38.1	1.024 3915	2766	13 49.0
	6	22 47 20.42	26.10	9 33 14.3	2 38.8	1.024 6681	2667	13 45.5
	7	22 47 46.52	26.21	9 30 35.5	2 39.5	1.024 9348	2568	13 42.0
	8	22 48 12.73	26.32	9 27 56.0	2 40.1	1.025 1916	2468	13 38.5
	9	22 48 39.05	26.41	9 25 15.9	2 40.6	1.025 4384	2368	13 35.0
	10	22 49 5.46		− 9 22 35.3		1.025 6752		13 31.5

Tag		0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	′ ″			h m
Febr.	10	22 49 5.46	26.51	−9 22 35.3	2 41.3	1.025 6752	2267	13 31.5
	11	22 49 31.97	26.60	9 19 54.0	2 41.8	1.025 9019	2167	13 28.0
	12	22 49 58.57	26.69	9 17 12.2	2 42.3	1.026 1186	2065	13 24.5
	13	22 50 25.26	26.77	9 14 29.9	2 42.8	1.026 3251	1963	13 21.0
	14	22 50 52.03	26.85	9 11 47.1	2 43.3	1.026 5214	1862	13 17.5
	15	22 51 18.88	26.93	9 9 3.8	2 43.7	1.026 7076	1759	13 14.1
	16	22 51 45.81	27.00	−9 6 20.1	2 44.1	1.026 8835	1656	13 10.6
	17	22 52 12.81	27.07	9 3 36.0	2 44.5	1.027 0491	1554	13 7.1
	18	22 52 39.88	27.13	9 0 51.5	2 44.8	1.027 2045	1451	13 3.6
	19	22 53 7.01	27.18	8 58 6.7	2 45.3	1.027 3496	1347	13 0.1
	20	22 53 34.19	27.24	8 55 21.4	2 45.5	1.027 4843	1243	12 56.6
	21	22 54 1.43	27.29	8 52 35.9	2 45.8	1.027 6086	1140	12 53.2
	22	22 54 28.72	27.33	−8 49 50.1	2 46.1	1.027 7226	1035	12 49.7
	23	22 54 56.05	27.37	8 47 4.0	2 46.3	1.027 8261	931	12 46.2
	24	22 55 23.42	27.40	8 44 17.7	2 46.4	1.027 9192	827	12 42.7
	25	22 55 50.82	27.43	8 41 31.3	2 46.6	1.028 0019	722	12 39.2
	26	22 56 18.25	27.46	8 38 44.7	2 46.7	1.028 0741	618	12 35.8
	27	22 56 45.71	27.48	8 35 58.0	2 46.8	1.028 1359	514	12 32.3
	28	22 57 13.19	27.50	−8 33 11.2	2 46.9	1.028 1873	409	12 28.8
	29	22 57 40.69	27.51	8 30 24.3	2 46.9	1.028 2282	305	12 25.3
März	1	22 58 8.20	27.51	8 27 37.4	2 47.0	1.028 2587	201	12 21.9
	2	22 58 35.71	27.52	8 24 50.4	2 47.0	1.028 2788	98	12 18.4
	3	22 59 3.23	27.52	8 22 3.4	2 46.9	1.028 2886	$\overline{6}$	12 14.9
	4	22 59 30.75	27.51	8 19 16.5	2 46.9	1.028 2880	109	12 11.5
	5	22 59 58.26	27.51	−8 16 29.6	2 46.8	1.028 2771	213	12 8.0
	6	23 0 25.77	27.49	8 13 42.8	2 46.6	1.028 2558	316	12 4.5
	7	23 0 53.26	27.48	8 10 56.2	2 46.5	1.028 2242	419	12 1.0
	8	23 1 20.74	27.45	8 8 9.7	2 46.3	1.028 1823	521	11 57.5
	9	23 1 48.19	27.43	8 5 23.4	2 46.2	1.028 1302	624	11 54.1
	10	23 2 15.62	27.40	8 2 37.2	2 46.0	1.028 0678	727	11 50.6
	11	23 2 43.02	27.37	−7 59 51.2	2 45.7	1.027 9951	829	11 47.1
	12	23 3 10.39	27.33	7 57 5.5	2 45.5	1.027 9122	932	11 43.6
	13	23 3 37.72	27.30	7 54 20.0	2 45.2	1.027 8190	1034	11 40.2
	14	23 4 5.02	27.25	7 51 34.8	2 44.9	1.027 7156	1135	11 36.7
	15	23 4 32.27	27.21	7 48 49.9	2 44.6	1.027 6021	1238	11 33.2
	16	23 4 59.48	27.15	7 46 5.3	2 44.2	1.027 4783	1340	11 29.7
	17	23 5 26.63	27.10	−7 43 21.1	2 43.8	1.027 3443	1441	11 26.2
	18	23 5 53.73	27.05	7 40 37.3	2 43.4	1.027 2002	1544	11 22.7
	19	23 6 20.78	26.98	7 37 53.9	2 43.0	1.027 0458	1645	11 19.2
	20	23 6 47.76	26.91	7 35 10.9	2 42.4	1.026 8813	1747	11 15.8
	21	23 7 14.67	26.84	7 32 28.5	2 42.0	1.026 7066	1847	11 12.3
	22	23 7 41.51		−7 29 46.5		1.026 5219		11 8.8

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	′ ″			h m
März	22	23 7 41.51	26.76	−7 29 46.5	2 41.5	1.026 5219	1949	11 8.8
	23	23 8 8.27	26.68	7 27 5.0	2 40.8	1.026 3270	2048	11 5.3
	24	23 8 34.95	26.59	7 24 24.2	2 40.3	1.026 1222	2149	11 1.8
	25	23 9 1.54	26.50	7 21 43.9	2 39.7	1.025 9073	2248	10 58.3
	26	23 9 28.04	26.41	7 19 4.2	2 39.0	1.025 6825	2347	10 54.8
	27	23 9 54.45	26.31	7 16 25.2	2 38.3	1.025 4478	2446	10 51.3
	28	23 10 20.76	26.21	−7 13 46.9	2 37.6	1.025 2032	2545	10 47.8
	29	23 10 46.97	26.10	7 11 9.3	2 36.9	1.024 9487	2641	10 44.3
	30	23 11 13.07	25.99	7 8 32.4	2 36.1	1.024 6846	2738	10 40.8
	31	23 11 39.06	25.88	7 5 56.3	2 35.3	1.024 4108	2834	10 37.3
April	1	23 12 4.94	25.76	7 3 21.0	2 34.5	1.024 1274	2929	10 33.8
	2	23 12 30.70	25.64	7 0 46.5	2 33.8	1.023 8345	3024	10 30.3
	3	23 12 56.34	25.51	−6 58 12.7	2 32.8	1.023 5321	3119	10 26.8
	4	23 13 21.85	25.39	6 55 39.9	2 32.0	1.023 2202	3214	10 23.3
	5	23 13 47.24	25.25	6 53 7.9	2 31.1	1.022 8988	3307	10 19.8
	6	23 14 12.49	25.12	6 50 36.8	2 30.2	1.022 5681	3400	10 16.3
	7	23 14 37.61	24.98	6 48 6.6	2 29.2	1.022 2281	3493	10 12.8
	8	23 15 2.59	24.84	6 45 37.4	2 28.3	1.021 8788	3584	10 9.3
	9	23 15 27.43	24.69	−6 43 9.1	2 27.2	1.021 5204	3675	10 5.7
	10	23 15 52.12	24.55	6 40 41.9	2 26.3	1.021 1529	3766	10 2.2
	11	23 16 16.67	24.39	6 38 15.6	2 25.2	1.020 7763	3856	9 58.7
	12	23 16 41.06	24.23	6 35 50.4	2 24.1	1.020 3907	3946	9 55.2
	13	23 17 5.29	24.08	6 33 26.3	2 23.0	1.019 9961	4035	9 51.6
	14	23 17 29.37	23.92	6 31 3.3	2 21.9	1.019 5926	4124	9 48.1
	15	23 17 53.29	23.74	−6 28 41.4	2 20.8	1.019 1802	4212	9 44.6
	16	23 18 17.03	23.57	6 26 20.6	2 19.6	1.018 7590	4300	9 41.0
	17	23 18 40.60	23.40	6 24 1.0	2 18.4	1.018 3290	4388	9 37.5
	18	23 19 4.00	23.21	6 21 42.6	2 17.2	1.017 8902	4473	9 33.9
	19	23 19 27.21	23.03	6 19 25.4	2 15.9	1.017 4429	4559	9 30.4
	20	23 19 50.24	22.85	6 17 9.5	2 14.6	1.016 9870	4644	9 26.8
	21	23 20 13.09	22.65	−6 14 54.9	2 13.3	1.016 5226	4727	9 23.3
	22	23 20 35.74	22.46	6 12 41.6	2 11.9	1.016 0499	4811	9 19.7
	23	23 20 58.20	22.25	6 10 29.7	2 10.6	1.015 5688	4893	9 16.1
	24	23 21 20.45	22.05	6 8 19.1	2 9.2	1.015 0795	4975	9 12.6
	25	23 21 42.50	21.84	6 6 9.9	2 7.7	1.014 5820	5054	9 9.0
	26	23 22 4.34	21.63	6 4 2.2	2 6.3	1.014 0766	5134	9 5.5
	27	23 22 25.97	21.41	−6 1 55.9	2 4.8	1.013 5632	5211	9 1.9
	28	23 22 47.38	21.19	5 59 51.1	2 3.4	1.013 0421	5288	8 58.3
	29	23 23 8.57	20.98	5 57 47.7	2 1.9	1.012 5133	5364	8 54.7
	30	23 23 29.55	20.75	5 55 45.8	2 0.3	1.011 9769	5438	8 51.1
Mai	1	23 23 50.30	20.52	5 53 45.5	1 58.8	1.011 4331	5512	8 47.5
	2	23 24 10.82		−5 51 46.7		1.010 8819		8 43.9

Tag		0h Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	′ ″			h m
Mai	2	23 24 10.82	20.29	−5 51 46.7	1 57.2	1.010 8819	5586	8 43.9
	3	23 24 31.11	20.06	5 49 49.5	1 55.6	1.010 3233	5657	8 40.4
	4	23 24 51.17	19.82	5 47 53.9	1 54.1	1.009 7576	5728	8 36.8
	5	23 25 10.99	19.58	5 45 59.8	1 52.4	1.009 1848	5799	8 33.2
	6	23 25 30.57	19.33	5 44 7.4	1 50.8	1.008 6049	5867	8 29.5
	7	23 25 49.90	19.09	5 42 16.6	1 49.1	1.008 0182	5935	8 25.9
	8	23 26 8.99	18.84	−5 40 27.5	1 47.4	1.007 4247	6003	8 22.3
	9	23 26 27.83	18.59	5 38 40.1	1 45.7	1.006 8244	6069	8 18.7
	10	23 26 46.42	18.33	5 36 54.4	1 44.0	1.006 2175	6134	8 15.1
	11	23 27 4.75	18.08	5 35 10.4	1 42.2	1.005 6041	6198	8 11.4
	12	23 27 22.83	17.81	5 33 28.2	1 40.4	1.004 9843	6261	8 7.8
	13	23 27 40.64	17.54	5 31 47.8	1 38.6	1.004 3582	6323	8 4.2
	14	23 27 58.18	17.27	−5 30 9.2	1 36.8	1.003 7259	6384	8 0.5
	15	23 28 15.45	17.00	5 28 32.4	1 34.9	1.003 0875	6443	7 56.9
	16	23 28 32.45	16.72	5 26 57.5	1 33.1	1.002 4432	6502	7 53.2
	17	23 28 49.17	16.44	5 25 24.4	1 31.1	1.001 7930	6560	7 49.6
	18	23 29 5.61	16.15	5 23 53.3	1 29.2	1.001 1370	6616	7 45.9
	19	23 29 21.76	15.87	5 22 24.1	1 27.3	1.000 4754	6670	7 42.3
	20	23 29 37.63	15.57	−5 20 56.8	1 25.3	0.999 8084	6724	7 38.6
	21	23 29 53.20	15.28	5 19 31.5	1 23.3	0.999 1360	6775	7 34.9
	22	23 30 8.48	14.99	5 18 8.2	1 21.3	0.998 4585	6824	7 31.2
	23	23 30 23.47	14.68	5 16 46.9	1 19.3	0.997 7761	6873	7 27.5
	24	23 30 38.15	14.38	5 15 27.6	1 17.2	0.997 0888	6919	7 23.8
	25	23 30 52.53	14.07	5 14 10.4	1 15.2	0.996 3969	6965	7 20.1
	26	23 31 6.60	13.76	−5 12 55.2	1 13.1	0.995 7004	7007	7 16.4
	27	23 31 20.36	13.45	5 11 42.1	1 11.1	0.994 9997	7050	7 12.7
	28	23 31 33.81	13.14	5 10 31.0	1 8.9	0.994 2947	7090	7 9.0
	29	23 31 46.95	12.82	5 9 22.1	1 6.8	0.993 5857	7129	7 5.3
	30	23 31 59.77	12.50	5 8 15.3	1 4.7	0.992 8728	7167	7 1.6
	31	23 32 12.27	12.18	5 7 10.6	1 2.6	0.992 1561	7203	6 57.9
Juni	1	23 32 24.45	11.85	−5 6 8.0	1 0.4	0.991 4358	7237	6 54.1
	2	23 32 36.30	11.54	5 5 7.6	0 58.3	0.990 7121	7270	6 50.4
	3	23 32 47.84	11.20	5 4 9.3	0 56.0	0.989 9851	7300	6 46.7
	4	23 32 59.04	10.88	5 3 13.3	0 53.9	0.989 2551	7330	6 42.9
	5	23 33 9.92	10.54	5 2 19.4	0 51.7	0.988 5221	7358	6 39.2
	6	23 33 20.46	10.21	5 1 27.7	0 49.5	0.987 7863	7384	6 35.4
	7	23 33 30.67	9.87	−5 0 38.2	0 47.2	0.987 0479	7409	6 31.7
	8	23 33 40.54	9.53	4 59 51.0	0 45.0	0.986 3070	7432	6 27.9
	9	23 33 50.07	9.19	4 59 6.0	0 42.7	0.985 5638	7454	6 24.1
	10	23 33 59.26	8.85	4 58 23.3	0 40.4	0.984 8184	7474	6 20.3
	11	23 34 8.11	8.51	4 57 42.9	0 38.2	0.984 0710	7493	6 16.5
	12	23 34 16.62		−4 57 4.7		0.983 3217		6 12.7

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	″			h m
Juni	12	23 34 16.62	8.15	−4 57 4.7	35.9	0.983 3217	7509	6 12.7
	13	23 34 24.77	7.81	4 56 28.8	33.5	0.982 5708	7523	6 8.9
	14	23 34 32.58	7.45	4 55 55.3	31.2	0.981 8185	7535	6 5.1
	15	23 34 40.03	7.10	4 55 24.1	28.9	0.981 0650	7546	6 1.3
	16	23 34 47.13	6.74	4 54 55.2	26.5	0.980 3104	7554	5 57.5
	17	23 34 53.87	6.38	4 54 28.7	24.1	0.979 5550	7561	5 53.7
	18	23 35 0.25	6.02	−4 54 4.6	21.8	0.978 7989	7565	5 49.9
	19	23 35 6.27	5.65	4 53 42.8	19.4	0.978 0424	7566	5 46.0
	20	23 35 11.92	5.29	4 53 23.4	17.1	0.977 2858	7567	5 42.2
	21	23 35 17.21	4.93	4 53 6.3	14.7	0.976 5291	7564	5 38.3
	22	23 35 22.14	4.56	4 52 51.6	12.3	0.975 7727	7560	5 34.5
	23	23 35 26.70	4.20	4 52 39.3	9.9	0.975 0167	7554	5 30.6
	24	23 35 30.90	3.83	−4 52 29.4	7.5	0.974 2613	7545	5 26.8
	25	23 35 34.73	3.46	4 52 21.9	5.2	0.973 5068	7534	5 22.9
	26	23 35 38.19	3.09	4 52 16.7	2.8	0.972 7534	7520	5 19.0
	27	23 35 41.28	2.72	4 52 13.9	0.4	0.972 0014	7504	5 15.1
	28	23 35 44.00	2.36	4 52 13.5	$\overline{2.0}$	0.971 2510	7486	5 11.2
	29	23 35 46.36	1.99	4 52 15.5	4.3	0.970 5024	7467	5 7.3
	30	23 35 48.35	1.61	−4 52 19.8	6.6	0.969 7557	7445	5 3.4
Juli	1	23 35 49.96	1.25	4 52 26.4	9.0	0.969 0112	7422	4 59.5
	2	23 35 51.21	0.89	4 52 35.4	11.4	0.968 2690	7395	4 55.6
	3	23 35 52.10	0.51	4 52 46.8	13.7	0.967 5295	7368	4 51.7
	4	23 35 52.61	0.15	4 53 0.5	16.1	0.966 7927	7336	4 47.8
	5	23 35 52.76	$\overline{0.23}$	4 53 16.6	18.5	0.966 0591	7304	4 43.9
	6	23 35 52.53	0.59	−4 53 35.1	20.8	0.965 3287	7269	4 39.9
	7	23 35 51.94	0.95	4 53 55.9	23.1	0.964 6018	7232	4 36.0
	8	23 35 50.99	1.33	4 54 19.0	25.4	0.963 8786	7194	4 32.0
	9	23 35 49.66	1.69	4 54 44.4	27.7	0.963 1592	7152	4 28.1
	10	23 35 47.97	2.06	4 55 12.1	30.1	0.962 4440	7108	4 24.1
	11	23 35 45.91	2.43	4 55 42.2	32.3	0.961 7332	7063	4 20.2
	12	23 35 43.48	2.79	−4 56 14.5	34.7	0.961 0269	7015	4 16.2
	13	23 35 40.69	3.16	4 56 49.2	37.0	0.960 3254	6965	4 12.2
	14	23 35 37.53	3.52	4 57 26.2	39.3	0.959 6289	6912	4 8.2
	15	23 35 34.01	3.88	4 58 5.5	41.5	0.958 9377	6856	4 4.2
	16	23 35 30.13	4.25	4 58 47.0	43.8	0.958 2521	6797	4 0.2
	17	23 35 25.88	4.61	4 59 30.8	46.0	0.957 5724	6736	3 56.2
	18	23 35 21.27	4.96	−5 0 16.8	48.2	0.956 8988	6672	3 52.2
	19	23 35 16.31	5.32	5 1 5.0	50.3	0.956 2316	6606	3 48.2
	20	23 35 10.99	5.67	5 1 55.3	52.5	0.955 5710	6537	3 44.2
	21	23 35 5.32	6.02	5 2 47.8	54.7	0.954 9173	6466	3 40.2
	22	23 34 59.30	6.37	5 3 42.5	56.7	0.954 2707	6393	3 36.1
	23	23 34 52.93		−5 4 39.2		0.953 6314		3 32.1

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	′ ″			h m
Juli	23	23 34 52.93	6.71	−5 4 39.2	0 58.8	0.953 6314	6317	3 32.1
	24	23 34 46.22	7.05	5 5 38.0	1 0.9	0.952 9997	6238	3 28.0
	25	23 34 39.17	7.39	5 6 38.9	1 2.9	0.952 3759	6157	3 24.0
	26	23 34 31.78	7.72	5 7 41.8	1 4.9	0.951 7602	6075	3 19.9
	27	23 34 24.06	8.05	5 8 46.7	1 6.9	0.951 1527	5989	3 15.9
	28	23 34 16.01	8.38	5 9 53.6	1 8.8	0.950 5538	5902	3 11.8
	29	23 34 7.63	8.70	−5 11 2.4	1 10.8	0.949 9636	5813	3 7.7
	30	23 33 58.93	9.01	5 12 13.2	1 12.6	0.949 3823	5722	3 3.7
	31	23 33 49.92	9.33	5 13 25.8	1 14.5	0.948 8101	5628	2 59.6
Aug.	1	23 33 40.59	9.64	5 14 40.3	1 16.3	0.948 2473	5532	2 55.5
	2	23 33 30.95	9.94	5 15 56.6	1 18.0	0.947 6941	5433	2 51.4
	3	23 33 21.01	10.24	5 17 14.6	1 19.8	0.947 1508	5334	2 47.3
	4	23 33 10.77	10.54	−5 18 34.4	1 21.5	0.946 6174	5232	2 43.2
	5	23 33 0.23	10.83	5 19 55.9	1 23.2	0.946 0942	5128	2 39.1
	6	23 32 49.40	11.12	5 21 19.1	1 24.8	0.945 5814	5022	2 35.0
	7	23 32 38.28	11.41	5 22 43.9	1 26.5	0.945 0792	4913	2 30.9
	8	23 32 26.87	11.68	5 24 10.4	1 28.0	0.944 5879	4803	2 26.7
	9	23 32 15.19	11.96	5 25 38.4	1 29.6	0.944 1076	4690	2 22.6
	10	23 32 3.23	12.23	−5 27 8.0	1 31.1	0.943 6386	4576	2 18.5
	11	23 31 51.00	12.50	5 28 39.1	1 32.6	0.943 1810	4458	2 14.3
	12	23 31 38.50	12.75	5 30 11.7	1 34.0	0.942 7352	4340	2 10.2
	13	23 31 25.75	13.00	5 31 45.7	1 35.3	0.942 3012	4218	2 6.1
	14	23 31 12.75	13.25	5 33 21.0	1 36.6	0.941 8794	4094	2 1.9
	15	23 30 59.50	13.48	5 34 57.6	1 37.9	0.941 4700	3969	1 57.8
	16	23 30 46.02	13.72	−5 36 35.5	1 39.1	0.941 0731	3842	1 53.6
	17	23 30 32.30	13.94	5 38 14.6	1 40.3	0.940 6889	3713	1 49.5
	18	23 30 18.36	14.16	5 39 54.9	1 41.4	0.940 3176	3582	1 45.3
	19	23 30 4.20	14.36	5 41 36.3	1 42.5	0.939 9594	3450	1 41.1
	20	23 29 49.84	14.57	5 43 18.8	1 43.5	0.939 6144	3316	1 37.0
	21	23 29 35.27	14.77	5 45 2.3	1 44.4	0.939 2828	3180	1 32.8
	22	23 29 20.50	14.95	−5 46 46.7	1 45.3	0.938 9648	3043	1 28.6
	23	23 29 5.55	15.13	5 48 32.0	1 46.2	0.938 6605	2905	1 24.4
	24	23 28 50.42	15.31	5 50 18.2	1 46.9	0.938 3700	2766	1 20.2
	25	23 28 35.11	15.46	5 52 5.1	1 47.7	0.938 0934	2625	1 16.1
	26	23 28 19.65	15.62	5 53 52.8	1 48.4	0.937 8309	2483	1 11.9
	27	23 28 4.03	15.77	5 55 41.2	1 49.0	0.937 5826	2341	1 7.7
	28	23 27 48.26	15.90	−5 57 30.2	1 49.6	0.937 3485	2196	1 3.5
	29	23 27 32.36	16.03	5 59 19.8	1 50.1	0.937 1289	2051	0 59.3
	30	23 27 16.33	16.16	6 1 9.9	1 50.5	0.936 9238	1906	0 55.1
	31	23 27 0.17	16.28	6 3 0.4	1 51.0	0.936 7332	1759	0 50.9
Sept.	1	23 26 43.89	16.38	6 4 51.4	1 51.3	0.936 5573	1612	0 46.7
	2	23 26 27.51		−6 6 42.7		0.936 3961		0 42.5

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	′ ″			h m
Sept. 2	23 26 27.51	16.48	−6 6 42.7	1 51.7	0.936 3961	1463	0 42.5
3	23 26 11.03	16.58	6 8 34.4	1 51.8	0.936 2498	1315	0 38.3
4	23 25 54.45	16.65	6 10 26.2	1 52.1	0.936 1183	1165	0 34.1
5	23 25 37.80	16.73	6 12 18.3	1 52.3	0.936 0018	1016	0 29.8
6	23 25 21.07	16.80	6 14 10.6	1 52.3	0.935 9002	864	0 25.6
7	23 25 4.27	16.85	6 16 2.9	1 52.3	0.935 8138	713	0 21.4
8	23 24 47.42	16.90	−6 17 55.2	1 52.3	0.935 7425	561	0 17.2
9	23 24 30.52	16.95	6 19 47.5	1 52.2	0.935 6864	408	0 13.0
10	23 24 13.57	16.97	6 21 39.7	1 52.0	0.935 6456	255	0 8.8
11	23 23 56.60	17.00	6 23 31.7	1 51.8	0.935 6201	101	0 4.6
12	23 23 39.60	17.01	6 25 23.5	1 51.6	0.935 6100	53	0 0.4 23 56.2
13	23 23 22.59	17.01	6 27 15.1	1 51.2	0.935 6153	207	23 52.0
14	23 23 5.58	17.01	−6 29 6.3	1 50.8	0.935 6360	361	23 47.7
15	23 22 48.57	16.99	6 30 57.1	1 50.4	0.935 6721	515	23 43.5
16	23 22 31.58	16.96	6 32 47.5	1 49.8	0.935 7236	669	23 39.3
17	23 22 14.62	16.93	6 34 37.3	1 49.2	0.935 7905	822	23 35.1
18	23 21 57.69	16.89	6 36 26.5	1 48.6	0.935 8727	975	23 30.9
19	23 21 40.80	16.83	6 38 15.1	1 47.9	0.935 9702	1128	23 26.7
20	23 21 23.97	16.76	−6 40 3.0	1 47.1	0.936 0830	1280	23 22.5
21	23 21 7.21	16.69	6 41 50.1	1 46.4	0.936 2110	1431	23 18.3
22	23 20 50.52	16.61	6 43 36.5	1 45.4	0.936 3541	1582	23 14.0
23	23 20 33.91	16.52	6 45 21.9	1 44.5	0.936 5123	1733	23 9.8
24	23 20 17.39	16.41	6 47 6.4	1 43.6	0.936 6856	1881	23 5.6
25	23 20 0.98	16.31	6 48 50.0	1 42.5	0.936 8737	2029	23 1.4
26	23 19 44.67	16.19	−6 50 32.5	1 41.3	0.937 0766	2175	22 57.2
27	23 19 28.48	16.06	6 52 13.8	1 40.3	0.937 2941	2320	22 53.0
28	23 19 12.42	15.93	6 53 54.1	1 39.0	0.937 5261	2465	22 48.8
29	23 18 56.49	15.79	6 55 33.1	1 37.9	0.937 7726	2608	22 44.7
30	23 18 40.70	15.64	6 57 11.0	1 36.5	0.938 0334	2751	22 40.5
Okt. 1	23 18 25.06	15.48	6 58 47.5	1 35.3	0.938 3085	2892	22 36.3
2	23 18 9.58	15.32	−7 0 22.8	1 33.8	0.938 5977	3031	22 32.1
3	23 17 54.26	15.14	7 1 56.6	1 32.5	0.938 9008	3171	22 27.9
4	23 17 39.12	14.96	7 3 29.1	1 31.0	0.939 2179	3308	22 23.7
5	23 17 24.16	14.77	7 5 0.1	1 29.5	0.939 5487	3445	22 19.5
6	23 17 9.39	14.57	7 6 29.6	1 28.0	0.939 8932	3580	22 15.4
7	23 16 54.82	14.37	7 7 57.6	1 26.3	0.940 2512	3713	22 11.2
8	23 16 40.45	14.15	−7 9 23.9	1 24.7	0.940 6225	3845	22 7.0
9	23 16 26.30	13.93	7 10 48.6	1 23.0	0.941 0070	3975	22 2.9
10	23 16 12.37	13.71	7 12 11.6	1 21.2	0.941 4045	4103	21 58.7
11	23 15 58.66	13.47	7 13 32.8	1 19.5	0.941 8148	4231	21 54.6
12	23 15 45.19	13.22	7 14 52.3	1 17.6	0.942 2379	4356	21 50.4
13	23 15 31.97		−7 16 9.9		0.942 6735		21 46.3

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		0ʰ Welt-Zeit: Scheinbare Deklination		0ʰ Welt-Zeit: log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	″			h m
Okt. 13	23 15 31.97	12.97	−7 16 9.9	75.7	0.942 6735	4479	21 46.3
14	23 15 19.00	12.71	7 17 25.6	73.9	0.943 1214	4600	21 42.1
15	23 15 6.29	12.45	7 18 39.5	71.9	0.943 5814	4720	21 38.0
16	23 14 53.84	12.17	7 19 51.4	69.9	0.944 0534	4837	21 33.9
17	23 14 41.67	11.90	7 21 1.3	67.9	0.944 5371	4951	21 29.7
18	23 14 29.77	11.61	7 22 9.2	65.9	0.945 0322	5065	21 25.6
19	23 14 18.16	11.32	−7 23 15.1	63.7	0.945 5387	5175	21 21.5
20	23 14 6.84	11.02	7 24 18.8	61.6	0.946 0562	5283	21 17.4
21	23 13 55.82	10.72	7 25 20.4	59.5	0.946 5845	5388	21 13.2
22	23 13 45.10	10.40	7 26 19.9	57.3	0.947 1233	5491	21 9.1
23	23 13 34.70	10.09	7 27 17.2	55.1	0.947 6724	5591	21 5.0
24	23 13 24.61	9.76	7 28 12.3	52.9	0.948 2315	5690	21 0.9
25	23 13 14.85	9.45	−7 29 5.2	50.6	0.948 8005	5786	20 56.9
26	23 13 5.40	9.11	7 29 55.8	48.4	0.949 3791	5879	20 52.8
27	23 12 56.29	8.78	7 30 44.2	46.1	0.949 9670	5970	20 48.7
28	23 12 47.51	8.44	7 31 30.3	43.8	0.950 5640	6058	20 44.7
29	23 12 39.07	8.10	7 32 14.1	41.4	0.951 1698	6144	20 40.6
30	23 12 30.97	7.76	7 32 55.5	39.1	0.951 7842	6227	20 36.5
31	23 12 23.21	7.41	−7 33 34.6	36.8	0.952 4069	6310	20 32.4
Nov. 1	23 12 15.80	7.05	7 34 11.4	34.4	0.953 0379	6388	20 28.4
2	23 12 8.75	6.70	7 34 45.8	32.0	0.953 6767	6466	20 24.4
3	23 12 2.05	6.34	7 35 17.8	29.6	0.954 3233	6541	20 20.3
4	23 11 55.71	5.98	7 35 47.4	27.1	0.954 9774	6613	20 16.3
5	23 11 49.73	5.61	7 36 14.5	24.7	0.955 6387	6681	20 12.2
6	23 11 44.12	5.24	−7 36 39.2	22.3	0.956 3068	6749	20 8.2
7	23 11 38.88	4.87	7 37 1.5	19.8	0.956 9817	6812	20 4.2
8	23 11 34.01	4.49	7 37 21.3	17.3	0.957 6629	6875	20 0.2
9	23 11 29.52	4.11	7 37 38.6	14.8	0.958 3504	6935	19 56.2
10	23 11 25.41	3.73	7 37 53.4	12.3	0.959 0439	6992	19 52.2
11	23 11 21.68	3.34	7 38 5.7	9.8	0.959 7431	7046	19 48.2
12	23 11 18.34	2.96	−7 38 15.5	7.2	0.960 4477	7098	19 44.3
13	23 11 15.38	2.58	7 38 22.7	4.7	0.961 1575	7146	19 40.3
14	23 11 12.80	2.18	7 38 27.4	2.2	0.961 8721	7193	19 36.3
15	23 11 10.62	1.78	7 38 29.6	$\overline{0.3}$	0.962 5914	7236	19 32.3
16	23 11 8.84	1.40	7 38 29.3	2.9	0.963 3150	7277	19 28.4
17	23 11 7.44	1.00	7 38 26.4	5.4	0.964 0427	7315	19 24.4
18	23 11 6.44	0.61	−7 38 21.0	8.0	0.964 7742	7350	19 20.5
19	23 11 5.83	0.21	7 38 13.0	10.5	0.965 5092	7383	19 16.5
20	23 11 5.62	$\overline{0.19}$	7 38 2.5	13.1	0.966 2475	7412	19 12.6
21	23 11 5.81	0.58	7 37 49.4	15.6	0.966 9887	7440	19 8.7
22	23 11 6.39	0.99	7 37 33.8	18.2	0.967 7327	7465	19 4.8
23	23 11 7.38		−7 37 15.6		0.968 4792		19 0.9

Tag	0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	′ ″			h m
Nov. 23	23 11 7.38	1.38	−7 37 15.6	0 20.6	0.968 4792	7488	19 0.9
24	23 11 8.76	1.77	7 36 55.0	0 23.2	0.969 2280	7507	18 57.0
25	23 11 10.53	2.17	7 36 31.8	0 25.6	0.969 9787	7524	18 53.1
26	23 11 12.70	2.57	7 36 6.2	0 28.2	0.970 7311	7540	18 49.2
27	23 11 15.27	2.96	7 35 38.0	0 30.6	0.971 4851	7552	18 45.3
28	23 11 18.23	3.35	7 35 7.4	0 33.1	0.972 2403	7563	18 41.4
29	23 11 21.58	3.74	−7 34 34.3	0 35.6	0.972 9966	7570	18 37.5
30	23 11 25.32	4.13	7 33 58.7	0 38.0	0.973 7536	7577	18 33.7
Dez. 1	23 11 29.45	4.52	7 33 20.7	0 40.5	0.974 5113	7580	18 29.8
2	23 11 33.97	4.92	7 32 40.2	0 42.9	0.975 2693	7582	18 26.0
3	23 11 38.89	5.30	7 31 57.3	0 45.4	0.976 0275	7582	18 22.1
4	23 11 44.19	5.70	7 31 11.9	0 47.8	0.976 7857	7579	18 18.3
5	23 11 49.89	6.08	−7 30 24.1	0 50.2	0.977 5436	7574	18 14.5
6	23 11 55.97	6.46	7 29 33.9	0 52.6	0.978 3010	7568	18 10.6
7	23 12 2.43	6.85	7 28 41.3	0 55.0	0.979 0578	7558	18 6.8
8	23 12 9.28	7.23	7 27 46.3	0 57.4	0.979 8136	7546	18 3.0
9	23 12 16.51	7.61	7 26 48.9	0 59.7	0.980 5682	7532	17 59.2
10	23 12 24.12	7.99	7 25 49.2	1 2.1	0.981 3214	7517	17 55.4
11	23 12 32.11	8.37	−7 24 47.1	1 4.5	0.982 0731	7497	17 51.6
12	23 12 40.48	8.75	7 23 42.6	1 6.8	0.982 8228	7477	17 47.8
13	23 12 49.23	9.13	7 22 35.8	1 9.1	0.983 5705	7455	17 44.0
14	23 12 58.36	9.49	7 21 26.7	1 11.4	0.984 3160	7429	17 40.2
15	23 13 7.85	9.87	7 20 15.3	1 13.7	0.985 0589	7401	17 36.5
16	23 13 17.72	10.23	7 19 1.6	1 16.0	0.985 7990	7373	17 32.7
17	23 13 27.95	10.60	−7 17 45.6	1 18.2	0.986 5363	7341	17 29.0
18	23 13 38.55	10.96	7 16 27.4	1 20.4	0.987 2704	7307	17 25.2
19	23 13 49.51	11.31	7 15 7.0	1 22.6	0.988 0011	7273	17 21.5
20	23 14 0.82	11.67	7 13 44.4	1 24.7	0.988 7284	7235	17 17.7
21	23 14 12.49	12.02	7 12 19.7	1 26.9	0.989 4519	7196	17 14.0
22	23 14 24.51	12.37	7 10 52.8	1 29.0	0.990 1715	7155	17 10.3
23	23 14 36.88	12.71	−7 9 23.8	1 31.1	0.990 8870	7112	17 6.5
24	23 14 49.59	13.05	7 7 52.7	1 33.2	0.991 5982	7067	17 2.8
25	23 15 2.64	13.39	7 6 19.5	1 35.3	0.992 3049	7022	16 59.1
26	23 15 16.03	13.72	7 4 44.2	1 37.3	0.993 0071	6974	16 55.4
27	23 15 29.75	14.05	7 3 6.9	1 39.3	0.993 7045	6926	16 51.7
28	23 15 43.80	14.38	7 1 27.6	1 41.2	0.994 3971	6875	16 48.0
29	23 15 58.18	14.70	−6 59 46.4	1 43.2	0.995 0846	6823	16 44.3
30	23 16 12.88	15.01	6 58 3.2	1 45.1	0.995 7669	6770	16 40.6
31	23 16 27.89	15.34	6 56 18.1	1 47.1	0.996 4439	6715	16 36.9
32	23 16 43.23		−6 54 31.0		0.997 1154		16 33.3

Tag		0h Welt-Zeit						Obere Kulmination in Greenwich
		Scheinbare Rektaszension		Scheinbare Deklination		log Δ		
1936		h m s	s	° ′ ″	′ ″			h m
Jan.	−3	1 58 34.99	9.37	+11 34 18.3	0 42.6	1.286 9338	1 4032	19 33.2
	+1	58 25.62	6.24	33 35.7	0 25.7	288 3370	1 4393	19 17.3
	5	58 19.38	3.08	33 10.0	0 8.4	289 7763	1 4676	19 1.5
	9	58 16.30	0.11	33 1.6	0 8.9	291 2439	1 4882	18 45.7
	13	58 16.41	3.32	33 10.5	0 26.3	292 7321	1 5021	18 30.0
	17	1 58 19.73	6.52	+11 33 36.8	0 43.8	1.294 2342	1 5083	18 14.4
	21	58 26.25	9.74	34 20.6	1 1.2	295 7425	1 5063	17 58.7
	25	58 35.99	12.93	35 21.8	1 18.2	297 2488	1 4970	17 43.2
	29	58 48.92	16.03	36 40.0	1 35.0	298 7458	1 4802	17 27.7
Febr.	2	59 4.95	19.09	38 15.0	1 51.2	300 2260	1 4568	17 12.2
	6	1 59 24.04	22.04	+11 40 6.2	2 6.8	1.301 6828	1 4266	16 56.8
	10	1 59 46.08	24.92	42 13.0	2 22.1	303 1094	1 3909	16 41.5
	14	2 0 11.00	27.71	44 35.1	2 36.7	304 5003	1 3493	16 26.2
	18	0 38.71	30.40	47 11.8	2 50.7	305 8496	1 3020	16 10.9
	22	1 9.11	32.98	50 2.5	3 4.0	307 1516	1 2486	15 55.7
	26	2 1 42.09	35.40	+11 53 6.5	3 16.4	1.308 4002	1 1898	15 40.5
März	1	2 17.49	37.70	56 22.9	3 28.0	309 5900	1 1271	15 25.4
	5	2 55.19	39.84	+11 59 50.9	3 38.7	310 7171	1 0601	15 10.3
	9	3 35.03	41.85	+12 3 29.6	3 48.6	311 7772	9897	14 55.2
	13	4 16.88	43.71	7 18.2	3 57.7	312 7669	9162	14 40.2
	17	2 5 0.59	45.43	+12 11 15.9	4 5.9	1.313 6831	8387	14 25.2
	21	5 46.02	46.99	15 21.8	4 13.0	314 5218	7580	14 10.2
	25	6 33.01	48.38	19 34.8	4 19.4	315 2798	6751	13 55.3
	29	7 21.39	49.58	23 54.2	4 24.6	315 9549	5898	13 40.4
April	2	8 10.97	50.63	28 18.8	4 29.0	316 5447	5030	13 25.5
	6	2 9 1.60	51.50	+12 32 47.8	4 32.5	1.317 0477	4155	13 10.6
	10	9 53.10	52.22	37 20.3	4 35.1	317 4632	3267	12 55.7
	14	10 45.32	52.79	41 55.4	4 36.8	317 7899	2368	12 40.8
	18	11 38.11	53.19	46 32.2	4 37.6	318 0267	1459	12 26.0
	22	12 31.30	53.39	51 9.8	4 37.4	318 1726	544	12 11.2
	26	2 13 24.69	53.42	+12 55 47.2	4 36.3	1.318 2270	365	11 56.3
	30	14 18.11	53.29	+13 0 23.5	4 34.4	318 1905	1271	11 41.5
Mai	4	15 11.40	52.98	4 57.9	4 31.7	318 0634	2162	11 26.6
	8	16 4.38	52.53	9 29.6	4 28.1	317 8472	3045	11 11.8
	12	16 56.91	51.91	13 57.7	4 23.8	317 5427	3921	10 56.9
	16	2 17 48.82	51.16	+13 18 21.5	4 18.7	1.317 1506	4786	10 42.0
	20	18 39.98	50.20	22 40.2	4 12.7	316 6720	5636	10 27.2
	24	19 30.18	49.08	26 52.9	4 6.1	316 1084	6462	10 12.3
	28	20 19.26	47.80	30 59.0	3 58.6	315 4622	7259	9 57.4
Juni	1	21 7.06	46.39	34 57.6	3 50.4	314 7363	8032	9 42.4
	5	2 21 53.45	44.83	+13 38 48.0	3 41.8	1.313 9331	8777	9 27.5
	9	22 38.28	43.15	42 29.8	3 32.5	313 0554	9493	9 12.4
	13	23 21.43	41.30	46 2.3	3 22.4	312 1061	1 0182	8 57.4
	17	24 2.73	39.31	49 24.7	3 11.9	311 0879	1 0833	8 42.4
	21	24 42.04	37.17	52 36.6	3 0.7	310 0046	1 1445	8 27.3
	25	2 25 19.21	34.93	+13 55 37.3	2 48.7	1.308 8601	1 2009	8 12.2
	29	25 54.14	32.55	+13 58 26.0	2 36.6	307 6592	1 2528	7 57.1
Juli	3	2 26 26.69		+14 1 2.6		1.306 4064		7 41.9

Tag	0ʰ Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936	h m s	s	° ′ ″	′ ″			h m
Juli 3	2 26 26.69	30.08	+14 1 2.6	2 24.1	1.306 4064	1 3002	7 41.9
7	26 56.77	27.50	3 26.7	2 10.8	305 1062	1 3431	7 26.6
11	27 24.27	24.83	5 37.5	1 57.5	303 7631	1 3811	7 11.3
15	27 49.10	22.06	7 35.0	1 43.6	302 3820	1 4140	6 56.0
19	28 11.16	19.17	9 18.6	1 29.4	300 9680	1 4407	6 40.7
23	2 28 30.33	16.23	+14 10 48.0	1 14.8	1.299 5273	1 4610	6 25.3
27	28 46.56	13.24	12 2.8	1 0.1	298 0663	1 4750	6 9.8
31	28 59.80	10.21	13 2.9	0 45.5	296 5913	1 4832	5 54.3
Aug. 4	29 10.01	7.16	13 48.4	0 30.4	295 1081	1 4851	5 38.7
8	29 17.17	4.06	14 18.8	0 15.5	293 6230	1 4809	5 23.1
12	2 29 21.23	0.94	+14 14 34.3	0 0.4	1.292 1421	1 4696	5 7.5
16	29 22.17	2.18	14 34.7	0 14.8	290 6725	1 4511	4 51.7
20	29 19.99	5.29	14 19.9	0 29.5	289 2214	1 4254	4 36.0
24	29 14.70	8.31	13 50.4	0 44.2	287 7960	1 3920	4 20.2
28	29 6.39	11.30	13 6.2	0 58.6	286 4040	1 3523	4 4.3
Sept. 1	2 28 55.09	14.21	+14 12 7.6	1 12.5	1.285 0517	1 3056	3 48.4
5	28 40.88	17.04	10 55.1	1 26.3	283 7461	1 2527	3 32.4
9	28 23.84	19.78	9 28.8	1 39.4	282 4934	1 1927	3 16.4
13	28 4.06	22.41	7 49.4	1 52.2	281 3007	1 1255	3 0.3
17	27 41.65	24.89	5 57.2	2 4.0	280 1752	1 0517	2 44.2
21	2 27 16.76	27.20	+14 3 53.2	2 15.3	1.279 1235	9711	2 28.1
25	26 49.56	29.31	+14 1 37.9	2 25.5	278 1524	8856	2 11.9
29	26 20.25	31.25	+13 59 12.4	2 35.1	277 2668	7950	1 55.7
Okt. 3	25 49.00	32.99	56 37.3	2 43.4	276 4718	6997	1 39.5
7	25 16.01	34.53	53 53.9	2 51.1	275 7721	5996	1 23.2
11	2 24 41.48	35.84	+13 51 2.8	2 57.4	1.275 1725	4952	1 6.9
15	24 5.64	36.91	48 5.4	3 2.7	274 6773	3868	0 50.6
19	23 28.73	37.69	45 2.7	3 6.5	274 2905	2761	0 34.2
23	22 51.04	38.22	41 56.2	3 9.2	274 0144	1637	0 17.9
27	22 12.82	38.48	38 47.0	3 10.4	273 8507	502	{0 1.5 / 23 57.4}
31	2 21 34.34	38.48	+13 35 36.6	3 10.6	1.273 8005	635	23 41.1
Nov. 4	20 55.86	38.24	32 26.0	3 9.2	273 8640	1776	23 24.7
8	20 17.62	37.73	29 16.8	3 6.7	274 0416	2912	23 8.3
12	19 39.89	36.94	26 10.1	3 2.7	274 3328	4039	22 52.0
16	19 2.95	35.88	23 7.4	2 57.2	274 7367	5133	22 35.6
20	2 18 27.07	34.55	+13 20 10.2	2 50.5	1.275 2500	6200	22 19.3
24	17 52.52	32.99	17 19.7	2 42.5	275 8700	7224	22 3.0
28	17 19.53	31.21	14 37.2	2 33.5	276 5924	8203	21 46.8
Dez. 2	16 48.32	29.24	12 3.7	2 23.3	277 4127	9137	21 30.5
6	16 19.08	27.03	9 40.4	2 11.9	278 3264	1 0020	21 14.3
10	2 15 52.05	24.65	+13 7 28.5	1 59.6	1.279 3284	1 0849	20 58.2
14	15 27.40	22.08	5 28.9	1 46.2	280 4133	1 1606	20 42.0
18	15 5.32	19.34	3 42.7	1 32.2	281 5739	1 2294	20 25.9
22	14 45.98	16.48	2 10.5	1 17.5	282 8033	1 2908	20 9.9
26	14 29.50	13.53	+13 0 53.0	1 2.1	284 0941	1 3443	19 53.9
30	14 15.97	10.48	+12 59 50.9	0 46.3	285 4384	1 3913	19 38.0
34	2 14 5.49		+12 59 4.6		1.286 8297		19 22.1

Neptun 1936

Tag		0ʰ Welt-Zeit Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	′ ″			h m
Jan.	−3	11 12 50.81	4.85	+6 9 4.3	0 41.6	1.475 2356	9460	4 49.9
	+1	12 45.96	6.81	9 45.9	0 53.6	474 2896	9202	4 34.1
	5	12 39.15	8.70	10 39.5	1 5.4	473 3694	8895	4 18.2
	9	12 30.45	10.55	11 44.9	1 16.8	472 4799	8544	4 2.4
	13	12 19.90	12.34	13 1.7	1 27.6	471 6255	8151	3 46.5
	17	11 12 7.56	14.03	+6 14 29.3	1 38.0	1.470 8104	7708	3 30.5
	21	11 53.53	15.66	16 7.3	1 47.8	470 0396	7224	3 14.6
	25	11 37.87	17.16	17 55.1	1 56.7	469 3172	6696	2 58.6
	29	11 20.71	18.55	19 51.8	2 4.8	468 6476	6127	2 42.6
Febr.	2	11 2.16	19.80	21 56.6	2 12.2	468 0349	5531	2 26.5
	6	11 10 42.36	20.92	+6 24 8.8	2 18.7	1.467 4818	4905	2 10.5
	10	10 21.44	21.93	26 27.5	2 24.2	466 9913	4254	1 54.4
	14	9 59.51	22.79	28 51.7	2 29.0	466 5659	3580	1 38.3
	18	9 36.72	23.50	31 20.7	2 32.8	466 2079	2882	1 22.2
	22	9 13.22	24.05	33 53.5	2 35.5	465 9197	2168	1 6.1
	26	11 8 49.17	24.44	+6 36 29.0	2 37.1	1.465 7029	1442	0 50.0
März	1	8 24.73	24.67	39 6.1	2 37.7	465 5587	713	0 33.8
	5	8 0.06	24.74	41 43.8	2 37.4	465 4874	$\overline{13}$	0 17.7
	9	7 35.32	24.64	44 21.2	2 36.2	465 4887	739	{0 1.5 / 23 57.5}
	13	7 10.68	24.42	46 57.4	2 34.0	465 5626	1460	23 41.4
	17	11 6 46.26	24.04	+6 49 31.4	2 30.7	1.465 7086	2170	23 25.3
	21	6 22.22	23.48	52 2.1	2 26.7	465 9256	2869	23 9.1
	25	5 58.74	22.78	54 28.8	2 21.5	466 2125	3551	22 53.0
	29	5 35.96	21.94	56 50.3	2 15.5	466 5676	4204	22 36.9
April	2	5 14.02	20.96	+6 59 5.8	2 8.7	466 9880	4833	22 20.8
	6	11 4 53.06	19.86	+7 1 14.5	2 1.2	1.467 4713	5429	22 4.8
	10	4 33.20	18.65	3 15.7	1 53.3	468 0142	5998	21 48.7
	14	4 14.55	17.33	5 9.0	1 44.3	468 6140	6533	21 32.7
	18	3 57.22	15.90	6 53.3	1 34.9	469 2673	7034	21 16.7
	22	3 41.32	14.36	8 28.2	1 24.8	469 9707	7498	21 0.7
	26	11 3 26.96	12.73	+7 9 53.0	1 14.4	1.470 7205	7915	20 44.7
	30	3 14.23	11.04	11 7.4	1 3.4	471 5120	8289	20 28.8
Mai	4	3 3.19	9.29	12 10.8	0 52.3	472 3409	8617	20 12.9
	8	2 53.90	7.50	13 3.1	0 40.8	473 2026	8908	19 57.0
	12	2 46.40	5.65	13 43.9	0 29.1	474 0934	9156	19 41.2
	16	11 2 40.75	3.76	+7 14 13.0	0 17.2	1.475 0090	9359	19 25.4
	20	2 36.99	1.84	14 30.2	0 5.1	475 9449	9514	19 9.6
	24	2 35.15	$\overline{0.09}$	14 35.3	$\overline{0\ 7.2}$	476 8963	9624	18 53.8
	28	2 35.24	2.04	14 28.1	0 19.2	477 8587	9685	18 38.1
Juni	1	2 37.28	3.97	14 8.9	0 31.1	478 8272	9704	18 22.4
	5	11 2 41.25	5.89	+7 13 37.8	0 43.1	1.479 7976	9678	18 6.8
	9	2 47.14	7.78	12 54.7	0 54.9	480 7654	9617	17 51.2
	13	2 54.92	9.67	11 59.8	1 6.4	481 7271	9512	17 35.6
	17	3 4.59	11.52	10 53.4	1 17.9	482 6783	9365	17 20.0
	21	3 16.11	13.35	9 35.5	1 29.1	483 6148	9175	17 4.5
	25	11 3 29.46	15.10	+7 8 6.4	1 40.0	1.484 5323	8945	16 49.0
	29	3 44.56	16.80	6 26.4	1 50.1	485 4268	8680	16 33.5
Juli	3	11 4 1.36		+7 4 36.3		1.486 2948		16 18.1

Tag		0h Welt-Zeit: Scheinbare Rektaszension		Scheinbare Deklination		log Δ		Obere Kulmination in Greenwich
1936		h m s	s	° ′ ″	′ ″			h m
Juli	3	11 4 1.36	18.44	+7 4 36.3	2 0.1	1.486 2948	8382	16 18.1
	7	4 19.80	20.01	2 36.2	2 9.8	487 1330	8052	16 2.6
	11	4 39.81	21.52	+7 0 26.4	2 19.0	487 9382	7691	15 47.2
	15	5 1.33	22.98	+6 58 7.4	2 27.6	488 7073	7298	15 31.9
	19	5 24.31	24.32	55 39.8	2 35.9	489 4371	6871	15 16.5
	23	11 5 48.63	25.61	+6 53 3.9	2 43.4	1.490 1242	6417	15 1.2
	27	6 14.24	26.77	50 20.5	2 50.6	490 7659	5940	14 45.9
	31	6 41.01	27.85	47 29.9	2 56.8	491 3599	5444	14 30.6
Aug.	4	7 8.86	28.84	44 33.1	3 2.7	491 9043	4928	14 15.4
	8	7 37.70	29.73	41 30.4	3 8.1	492 3971	4386	14 0.1
	12	11 8 7.43	30.55	+6 38 22.3	3 12.7	1.492 8357	3833	13 44.9
	16	8 37.98	31.24	35 9.6	3 16.7	493 2190	3258	13 29.7
	20	9 9.22	31.82	31 52.9	3 20.0	493 5448	2671	13 14.5
	24	9 41.04	32.29	28 32.9	3 22.5	493 8119	2071	12 59.3
	28	10 13.33	32.64	25 10.4	3 24.3	494 0190	1466	12 44.1
Sept.	1	11 10 45.97	32.88	+6 21 46.1	3 25.5	1.494 1656	857	12 28.9
	5	11 18.85	33.04	18 20.6	3 26.1	494 2513	240	12 13.7
	9	11 51.89	33.07	14 54.5	3 25.8	494 2753	$\overline{381}$	11 58.5
	13	12 24.96	32.98	11 28.7	3 24.9	494 2372	1006	11 43.3
	17	12 57.94	32.78	8 3.8	3 23.2	494 1366	1625	11 28.1
	21	11 13 30.72	32.45	+6 4 40.6	3 20.6	1.493 9741	2246	11 13.0
	25	14 3.17	32.00	+6 1 20.0	3 17.5	493 7495	2851	10 57.8
	29	14 35.17	31.46	+5 58 2.5	3 13.6	493 4644	3449	10 42.6
Okt.	3	15 6.63	30.79	54 48.9	3 9.0	493 1195	4034	10 27.4
	7	15 37.42	30.03	51 39.9	3 3.7	492 7161	4613	10 12.2
	11	11 16 7.45	29.13	+5 48 36.2	2 57.7	1.492 2548	5174	9 56.9
	15	16 36.58	28.15	45 38.5	2 51.0	491 7374	5717	9 41.7
	19	17 4.73	27.02	42 47.5	2 43.4	491 1657	6236	9 26.4
	23	17 31.75	25.81	40 4.1	2 35.4	490 5421	6731	9 11.1
	27	17 57.56	24.50	37 28.7	2 26.7	489 8690	7197	8 55.8
	31	11 18 22.06	23.10	+5 35 2.0	2 17.5	1.489 1493	7635	8 40.5
Nov.	4	18 45.16	21.62	32 44.5	2 7.7	488 3858	8048	8 25.2
	8	19 6.78	20.04	30 36.8	1 57.4	487 5810	8428	8 9.8
	12	19 26.82	18.36	28 39.4	1 46.4	486 7382	8770	7 54.4
	16	19 45.18	16.63	26 53.0	1 35.0	485 8612	9071	7 39.0
	20	11 20 1.81	14.80	+5 25 18.0	1 23.3	1.484 9541	9336	7 23.5
	24	20 16.61	12.93	23 54.7	1 11.1	484 0205	9553	7 8.0
	28	20 29.54	11.03	22 43.6	0 58.9	483 0652	9727	6 52.5
Dez.	2	20 40.57	9.08	21 44.7	0 46.2	482 0925	9862	6 37.0
	6	20 49.65	7.07	20 58.5	0 33.4	481 1063	9950	6 21.4
	10	11 20 56.72	5.05	+5 20 25.1	0 20.4	1.480 1113	9989	6 5.8
	14	21 1.77	3.00	20 4.7	0 7.4	479 1124	9979	5 50.1
	18	21 4.77	0.95	19 57.3	0 $\overline{5.7}$	478 1145	9911	5 34.5
	22	21 5.72	$\overline{1.08}$	20 3.0	0 18.6	477 1234	9796	5 18.7
	26	21 4.64	3.11	20 21.6	0 31.3	476 1438	9632	5 3.0
	30	21 1.53	5.08	20 52.9	0 43.7	475 1806	9422	4 47.2
	34	11 20 56.45		+5 21 36.6		1.474 2384		4 31.4

Pluto 1936

Tag	0h Welt-Zeit								Licht-zeit	Obere Kulmination in Greenwich
	Rektaszension 1925.0		Fixstern-aberration	Deklination 1925.0		Fixstern-aberration	log Δ			
1936	h m s	s	s	° ′ ″	″	″			d	h m
Jan. 0	7 55 54.23	21.23	+1.38	+22 57 14.9	78.1	−4.0	1.590 4367	2464	0.2247	1 22
4	55 33.00	21.71	1.41	58 33.0	78.3	4.0	590 1903	1926	2246	1 6
8	55 11.29	22.07	1.43	+22 59 51.3	78.0	4.0	589 9977	1383	2245	0 50
12	54 49.22	22.29	1.45	+23 1 9.3	77.4	4.0	589 8594	833	2244	0 34
16	54 26.93	22.38	1.45	2 26.7	76.5	3.9	589 7761	278	2244	0 18
20	7 54 4.55	22.32	+1.45	+23 3 43.2	75.2	−3.9	1.589 7483	$\overline{278}$	0.2244	0 2
24	53 42.23	22.12	1.45	4 58.4	73.4	3.8	589 7761	833	2244	23 42
28	53 20.11	21.78	1.43	6 11.8	71.3	3.7	589 8594	1379	2244	23 26
Febr. 1	52 58.33	21.30	1.41	7 23.1	68.8	3.6	589 9973	1911	2245	23 10
5	52 37.03	20.69	1.38	8 31.9	66.1	3.4	590 1884	2429	2246	22 54
9	7 52 16.34	19.96	+1.34	+23 9 38.0	63.1	−3.2	1.590 4313	2931	0.2247	22 38
13	51 56.38	19.11	1.30	10 41.1	59.7	3.1	590 7244	3417	2249	22 22
17	51 37.27	18.15	1.25	11 40.8	56.2	2.9	591 0661	3882	2250	22 5
21	51 19.12	17.07	1.19	12 37.0	52.5	2.7	591 4543	4324	2252	21 49
25	51 2.05	15.88	1.13	13 29.5	48.5	2.5	591 8867	4739	2255	21 33
29	7 50 46.17	14.60	+1.06	+23 14 18.0	44.3	−2.2	1.592 3606	5123	0.2257	21 17
März 4	50 31.57	13.23	0.99	15 2.3	40.0	2.0	592 8729	5475	2260	21 1
8	50 18.34	11.79	0.91	15 42.3	35.7	1.7	593 4204	5796	2263	20 46
12	50 6.55	10.30	0.83	16 18.0	31.2	1.5	594 0000	6087	2266	20 30
16	49 56.25	8.73	0.74	16 49.2	26.5	1.2	594 6087	6345	2269	20 14
20	7 49 47.52	7.11	+0.65	+23 17 15.7	21.9	−1.0	1.595 2432	6571	0.2272	19 58
24	49 40.41	5.44	0.56	17 37.6	17.3	0.7	595 9003	6758	2276	19 42
28	49 34.97	3.74	0.46	17 54.9	12.5	0.4	596 5761	6906	2279	19 26
April 1	49 31.23	2.03	0.36	18 7.4	7.9	−0.2	597 2667	7019	2283	19 10
5	49 29.20	0.30	0.27	18 15.3	3.3	+0.1	597 9686	7097	2286	18 55
9	7 49 28.90	$\overline{1.42}$	+0.17	+23 18 18.6	$\overline{1.2}$	+0.4	1.598 6783	7141	0.2290	18 39
13	49 30.32	3.16	+0.07	18 17.4	5.7	0.6	599 3924	7152	2294	18 23
17	49 33.48	4.87	−0.03	18 11.7	10.1	0.9	600 1076	7127	2298	18 8
21	49 38.35	6.59	0.13	18 1.6	14.4	1.1	600 8203	7067	2301	17 52
25	49 44.94	8.27	0.23	17 47.2	18.6	1.4	601 5270	6972	2305	17 36
29	7 49 53.21	9.91	−0.32	+23 17 28.6	22.7	+1.6	1.602 2242	6845	0.2309	17 21
Mai 3	50 3.12	11.51	0.42	17 5.9	26.6	1.9	602 9087	6688	2313	17 5
7	50 14.63	13.06	0.51	16 39.3	30.4	2.1	603 5775	6501	2316	16 49
11	50 27.69	14.56	0.60	16 8.9	33.9	2.3	604 2276	6287	2320	16 34
15	50 42.25	16.02	0.69	15 35.0	37.4	2.5	604 8563	6047	2323	16 19
19	7 50 58.27	17.40	−0.77	+23 14 57.6	40.6	+2.7	1.605 4610	5778	0.2326	16 3
23	51 15.67	18.72	0.85	14 17.0	43.6	2.9	606 0388	5483	2329	15 48
27	51 34.39	19.96	0.93	13 33.4	46.5	3.1	606 5871	5164	2332	15 32
31	51 54.35	21.12	1.00	12 46.9	49.1	3.2	607 1035	4825	2335	15 17
Juni 4	52 15.47	22.20	1.07	11 57.8	51.4	3.4	607 5860	4468	2338	15 1
8	7 52 37.67	23.21	−1.13	+23 11 6.4	53.6	+3.5	1.608 0328	4093	0.2340	14 46
12	53 0.88	24.13	1.19	10 12.8	55.6	3.6	608 4421	3701	2342	14 31
16	53 25.01	24.97	1.24	9 17.2	57.3	3.7	608 8122	3292	2344	14 15
20	53 49.98	25.71	1.29	8 19.9	58.7	3.8	609 1414	2867	2346	14 0
24	54 15.69	26.35	1.33	7 21.2	59.8	3.9	609 4281	2429	2348	13 45
28	54 42.04	26.89	1.36	6 21.4	60.8	4.0	609 6710	1984	2349	13 30
Juli 2	7 55 8.93		−1.39	+23 5 20.6		+4.0	1.609 8694		0.2350	13 14

Pluto 1936

Tag		Rektaszension 1925.0 (0h Welt-Zeit)		Fixstern-aberration	Deklination 1925.0		Fixstern-aberration	log Δ		Licht-zeit	Obere Kulmination in Greenwich
1936		h m s	s	s	° ′ ″	″	″			d	h m
Juli	2	7 55 8.93	27.34	−1.39	+23 5 20.6	61.4	+4.0	1.609 8694	1532	0.2350	13 14
	6	55 36.27	27.70	1.42	4 19.2	61.8	4.0	610 0226	1074	2351	12 59
	10	56 3.97	27.96	1.43	3 17.4	62.0	4.1	610 1300	609	2351	12 44
	14	56 31.93	28.12	1.45	2 15.4	61.8	4.0	610 1909	137	2352	12 28
	18	57 0.05	28.18	1.45	1 13.6	61.4	4.0	610 2046	339	2352	12 13
	22	7 57 28.23	28.14	−1.45	+23 0 12.2	60.6	+4.0	1.610 1707	812	0.2352	11 58
	26	57 56.37	27.98	1.45	+22 59 11.6	59.6	3.9	610 0895	1283	2351	11 43
	30	58 24.35	27.73	1.44	58 12.0	58.3	3.9	609 9612	1750	2350	11 27
Aug.	3	58 52.08	27.39	1.42	57 13.7	56.7	3.8	609 7862	2210	2349	11 12
	7	59 19.47	26.96	1.39	56 17.0	54.9	3.7	609 5652	2667	2348	10 57
	11	7 59 46.43	26.42	−1.36	+22 55 22.1	52.7	+3.5	1.609 2985	3116	0.2347	10 42
	15	8 0 12.85	25.78	1.33	54 29.4	50.4	3.4	608 9869	3557	2345	10 26
	19	0 38.63	25.05	1.29	53 39.0	47.7	3.3	608 6312	3984	2343	10 11
	23	1 3.68	24.22	1.24	52 51.3	44.7	3.1	608 2328	4397	2341	9 56
	27	1 27.90	23.30	1.19	52 6.6	41.5	2.9	607 7931	4792	2339	9 40
	31	8 1 51.20	22.29	−1.13	+22 51 25.1	38.0	+2.7	1.607 3139	5171	0.2336	9 25
Sept.	4	2 13.49	21.21	1.07	50 47.1	34.3	2.5	606 7968	5533	2333	9 10
	8	2 34.70	20.05	1.00	50 12.8	30.5	2.3	606 2435	5875	2330	8 54
	12	2 54.75	18.79	0.93	49 42.3	26.3	2.0	605 6560	6197	2327	8 39
	16	3 13.54	17.46	0.85	49 16.0	21.9	1.8	605 0363	6495	2324	8 23
	20	8 3 31.00	16.06	−0.77	+22 48 54.1	17.3	+1.5	1.604 3868	6766	0.2320	8 8
	24	3 47.06	14.61	0.69	48 36.8	12.7	1.2	603 7102	7006	2317	7 52
	28	4 1.67	13.09	0.60	48 24.1	7.9	1.0	603 0096	7217	2313	7 37
Okt.	2	4 14.76	11.52	0.51	48 16.2	2.9	0.7	602 2879	7402	2309	7 21
	6	4 26.28	9.90	0.41	48 13.3	2.1	0.4	601 5477	7558	2305	7 6
	10	8 4 36.18	8.23	−0.32	+22 48 15.4	7.3	+0.1	1.600 7919	7681	0.2301	6 50
	14	4 44.41	6.53	0.22	48 22.7	12.5	−0.2	600 0238	7770	2297	6 35
	18	4 50.94	4.80	0.12	48 35.2	17.8	0.5	599 2468	7820	2293	6 19
	22	4 55.74	3.05	−0.02	48 53.0	22.9	0.8	598 4648	7834	2289	6 4
	26	4 58.79	1.31	+0.08	49 15.9	28.1	1.1	597 6814	7814	2285	5 48
	30	8 5 0.10	0.45	+0.18	+22 49 44.0	33.2	−1.4	1.596 9000	7760	0.2281	5 32
Nov.	3	4 59.65	2.20	0.28	50 17.2	38.1	1.7	596 1240	7668	2277	5 17
	7	4 57.45	3.94	0.38	50 55.3	43.0	2.0	595 3572	7537	2273	5 1
	11	4 53.51	5.65	0.48	51 38.3	47.7	2.2	594 6035	7371	2269	4 45
	15	4 47.86	7.34	0.57	52 26.0	52.3	2.5	593 8664	7170	2265	4 29
	19	8 4 40.52	8.97	+0.66	+22 53 18.3	56.7	−2.8	1.593 1494	6929	0.2261	4 13
	23	4 31.55	10.55	0.75	54 15.0	60.7	3.0	592 4565	6650	2258	3 57
	27	4 21.00	12.05	0.84	55 15.7	64.4	3.2	591 7915	6338	2254	3 41
Dez.	1	4 8.95	13.50	0.92	56 20.1	67.9	3.4	591 1577	5997	2251	3 25
	5	3 55.45	14.87	1.00	57 28.0	71.0	3.6	590 5580	5624	2248	3 10
	9	8 3 40.58	16.15	+1.07	+22 58 39.0	73.8	−3.7	1.589 9956	5220	0.2245	2 54
	13	3 24.43	17.34	1.14	+22 59 52.8	76.2	3.9	589 4736	4787	2242	2 38
	17	3 7.09	18.41	1.20	+23 1 9.0	78.2	4.0	588 9949	4326	2240	2 22
	21	2 48.68	19.35	1.26	2 27.2	79.8	4.1	588 5623	3844	2237	2 6
	25	2 29.33	20.19	1.31	3 47.0	81.0	4.1	588 1779	3343	2235	1 50
	29	2 9.14	20.89	1.35	5 8.0	81.7	4.2	587 8436	2828	2234	1 34
	33	8 1 48.25		+1.39	+23 6 29.7		−4.2	1.587 5608		0.2232	1 17

Sonnenkoordinaten 1936

0ʰ Welt-Zeit	Mittleres Äquinoktium 1925.0												
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Jan. 0	+0.140 774	+17288	− 46	0	−0.892 786	+ 2458	+278	−3	−0.387 221	+1067	+122	+4
1	0.158 062	17237	51	0	0.890 328	2735	277	−2	0.386 154	1186	119	−3
2	0.175 299	17181	56	+2	0.887 593	3011	276	0	0.384 968	1306	120	0
3	0.192 480	17119	62	+1	0.884 582	3286	275	+2	0.383 662	1425	119	−1
4	0.209 599	17053	66	+4	0.881 296	3559	273	+1	0.382 237	1543	118	−3
5	0.226 652	16982	71	+2	0.877 737	3832	273	+4	0.380 694	1661	118	0
6	+0.243 634	+16905	− 77	−4	−0.873 905	+ 4102	+270	−4	−0.379 033	+1778	+117	+1
7	0.260 539	16823	82	−4	0.869 803	4371	269	−5	0.377 255	1896	118	+4
8	0.277 362	16738	85	+2	0.865 432	4639	268	−3	0.375 359	2011	115	−4
9	0.294 100	16646	92	−3	0.860 793	4905	266	−2	0.373 348	2127	116	−1
10	0.310 746	16551	95	+2	0.855 888	5171	266	+3	0.371 221	2242	115	−2
11	0.327 297	16450	101	−1	0.850 717	5434	263	0	0.368 979	2356	114	−3
12	+0.343 747	+16344	−106	−2	−0.845 283	+ 5697	+263	+5	−0.366 623	+2470	+114	+1
13	0.360 091	16234	110	0	0.839 586	5957	260	+2	0.364 153	2584	114	+4
14	0.376 325	16118	116	−2	0.833 629	6217	260	+5	0.361 569	2696	112	−1
15	0.392 443	15997	121	−1	0.827 412	6474	257	−1	0.358 873	2808	112	−1
16	0.408 440	15872	125	+3	0.820 938	6729	255	−3	0.356 065	2918	110	−4
17	0.424 312	15741	131	+1	0.814 209	6983	254	−1	0.353 147	3029	111	+3
18	+0.440 053	+15606	−135	+4	−0.807 226	+ 7234	+251	−3	−0.350 118	+3138	+109	+2
19	0.455 659	15465	141	+2	0.799 992	7485	251	+4	0.346 980	3247	109	+3
20	0.471 124	15320	145	+4	0.792 507	7731	246	−3	0.343 733	3354	107	−1
21	0.486 444	15169	151	0	0.784 776	7977	246	+3	0.340 379	3460	106	−1
22	0.501 613	15013	156	−2	0.776 799	8220	243	+1	0.336 919	3566	106	+3
23	0.516 626	14852	161	−3	0.768 579	8459	239	−3	0.333 353	3670	104	+1
24	+0.531 478	+14687	−165	0	−0.760 120	+ 8697	+238	+4	−0.329 683	+3773	+103	−1
25	0.546 165	14516	171	−4	0.751 423	8931	234	+3	0.325 910	3874	101	−5
26	0.560 681	14340	176	−4	0.742 492	9163	232	+4	0.322 036	3974	100	−3
27	0.575 021	14161	179	+1	0.733 329	9390	227	−3	0.318 062	4073	99	0
28	0.589 182	13976	185	−4	0.723 939	9615	225	−1	0.313 989	4170	97	−1
29	0.603 158	13787	189	−3	0.714 324	9835	220	−5	0.309 819	4266	96	+1
30	+0.616 945	+13595	−192	+4	−0.704 489	+10053	+218	0	−0.305 553	+4360	+ 94	0
31	0.630 540	13399	196	+5	0.694 436	10267	214	+1	0.301 193	4453	93	0
Febr. 1	0.643 939	13198	201	+1	0.684 169	10478	211	+2	0.296 740	4543	90	−4
2	0.657 137	12995	203	+3	0.673 691	10684	206	−3	0.292 197	4634	91	+3
3	0.670 132	12787	208	−3	0.663 007	10888	204	+1	0.287 563	4721	87	−3
4	0.682 919	12576	211	−2	0.652 119	11088	200	−1	0.282 842	4809	88	+3
5	+0.695 495	+12362	−214	0	−0.641 031	+11284	+196	−3	−0.278 033	+4893	+ 84	−3
6	0.707 857	12144	218	−2	0.629 747	11478	194	+1	0.273 140	4978	85	+4
7	0.720 001	11923	221	−1	0.618 269	11667	189	−4	0.268 162	5060	82	−2
8	0.731 924	11698	225	−2	0.606 602	11853	186	−3	0.263 102	5140	80	−5
9	0.743 622	+11471	227	+3	0.594 749	+12036	183	0	0.257 962	+5220	80	+1
10	+0.755 093		−231	+1	−0.582 713		+179	+2	−0.252 742		+ 78	+1

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Febr. 10	+0.755 093	+11240	−231	+1	−0.582 713	+12215	+179	+2	−0.252 742	+5298	+78	+1
11	0.766 333	11005	235	−2	0.570 498	12391	176	+4	0.247 444	5374	76	−1
12	0.777 338	10767	238	−1	0.558 107	12563	172	+1	0.242 070	5449	75	0
13	0.788 105	10527	240	+2	0.545 544	12731	168	−3	0.236 621	5522	73	−2
14	0.798 632	10282	245	−4	0.532 813	12895	164	−4	0.231 099	5593	71	−4
15	0.808 914	10035	247	−1	0.519 918	13056	161	+1	0.225 506	5663	70	−1
16	+0.818 949	+ 9784	−251	−2	−0.506 862	+13213	+157	+3	−0.219 843	+5731	+68	+1
17	0.828 733	9531	253	0	0.493 649	13366	153	+1	0.214 112	5798	67	+4
18	0.838 264	9273	258	−4	0.480 283	13514	148	−3	0.208 314	5862	64	0
19	0.847 537	9014	259	+3	0.466 769	13659	145	0	0.202 452	5925	63	+1
20	0.856 551	8751	263	+2	0.453 110	13799	140	0	0.196 527	5986	61	0
21	0.865 302	8485	266	+2	0.439 311	13935	136	+2	0.190 541	6044	58	−3
22	+0.873 787	+ 8217	−268	+3	−0.425 376	+14066	+131	+1	−0.184 497	+6101	+57	+2
23	0.882 004	7945	272	−2	0.411 310	14192	126	0	0.178 396	6156	55	+4
24	0.889 949	7672	273	+2	0.397 118	14314	122	+3	0.172 240	6209	53	+3
25	0.897 621	7396	276	0	0.382 804	14431	117	+2	0.166 031	6259	50	−3
26	0.905 017	7119	277	0	0.368 373	14542	111	−2	0.159 772	6307	48	−4
27	0.912 136	6839	280	−5	0.353 831	14649	107	+2	0.153 465	6353	46	−3
28	+0.918 975	+ 6558	−281	−3	−0.339 182	+14752	+103	+4	−0.147 112	+6397	+44	0
29	0.925 533	6276	282	−1	0.324 430	14848	96	−3	0.140 715	6440	43	+4
März 1	0.931 809	5992	284	−2	0.309 582	14942	94	+3	0.134 275	6480	40	+1
2	0.937 801	5707	285	0	0.294 640	15029	87	−3	0.127 795	6518	38	−2
3	0.943 508	5422	285	+3	0.279 611	15113	84	+1	0.121 277	6554	36	−3
4	0.948 930	5134	288	−4	0.264 498	15191	78	−2	0.114 723	6588	34	−1
5	+0.954 064	+ 4846	−288	−2	−0.249 307	+15267	+ 76	+4	−0.108 135	+6621	+33	+3
6	0.958 910	4556	290	−3	0.234 040	15336	69	−4	0.101 514	6651	30	0
7	0.963 466	4267	289	+3	0.218 704	15401	65	−3	0.094 863	6680	29	+1
8	0.967 733	3975	292	−3	0.203 303	15463	62	+3	0.088 183	6706	26	−2
9	0.971 708	3683	292	−1	0.187 840	15519	56	0	0.081 477	6731	25	+1
10	0.975 391	3390	293	−2	0.172 321	15572	53	+4	0.074 746	6754	23	+2
11	+0.978 781	+ 3096	−294	−3	−0.156 749	+15619	+ 47	−1	−0.067 992	+6775	+21	0
12	0.981 877	2801	295	−2	0.141 130	15663	44	+2	0.061 217	6793	18	−4
13	0.984 678	2506	295	+1	0.125 467	15701	38	−4	0.054 424	6810	17	+1
14	0.987 184	2210	296	−1	0.109 766	15735	34	−2	0.047 614	6826	16	+4
15	0.989 394	1912	298	−4	0.094 031	15765	30	+2	0.040 788	6838	12	−3
16	0.991 306	1615	297	+4	0.078 266	15790	25	0	0.033 950	6849	11	0
17	+0.992 921	+ 1317	−298	+5	−0.062 476	+15810	+ 20	−2	−0.027 101	+6858	+ 9	+1
18	0.994 238	1019	298	+5	0.046 666	15825	15	−2	0.020 243	6865	7	−1
19	0.995 257	719	300	−1	0.030 841	15837	12	+4	0.013 378	6869	4	−5
20	0.995 976	420	299	+2	−0.015 004	15842	+ 5	−4	−0.006 509	6871	2	−3
21	0.996 396	+ 120	300	0	+0.000 838	+15842	0	−5	+0.000 362	+6872	+ 1	+2
22	+0.996 516		−299	+1	+0.016 680		− 4	+1	+0.007 234		− 3	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
März 22	+0.996 516	−179	−299	+1	+0.016 680	+15838	−4	+1	+0.007 234	+6869	−3	−2
23	0.996 337	479	300	−5	0.032 518	15828	10	+1	0.014 103	6865	4	+3
24	0.995 858	778	299	−5	0.048 346	15814	14	+5	0.020 968	6859	6	+5
25	0.995 080	1076	298	−4	0.064 160	15794	20	+2	0.027 827	6850	9	+1
26	0.994 004	1374	298	−5	0.079 954	15768	26	−1	0.034 677	6839	11	0
27	0.992 630	1670	296	0	0.095 722	15739	29	+5	0.041 516	6826	13	−2
28	+0.990 960	−1965	−295	+2	+0.111 461	+15705	−34	+4	+0.048 342	+6810	−16	−4
29	0.988 995	2259	294	+2	0.127 166	15665	40	−3	0.055 152	6794	16	+3
30	0.986 736	2551	292	+4	0.142 831	15621	44	−3	0.061 946	6775	19	0
31	0.984 185	2843	292	0	0.158 452	15573	48	−1	0.068 721	6753	22	−4
April 1	0.981 342	3133	290	+2	0.174 025	15520	53	−4	0.075 474	6731	22	+1
2	0.978 209	3421	288	+3	0.189 545	15463	57	−4	0.082 205	6706	25	−1
3	+0.974 788	−3708	−287	0	+0.205 008	+15401	−62	−5	+0.088 911	+6680	−26	+1
4	0.971 080	3994	286	−3	0.220 409	15336	65	0	0.095 591	6651	29	−2
5	0.967 086	4278	284	−2	0.235 745	15266	70	−1	0.102 242	6621	30	+1
6	0.962 808	4561	283	−3	0.251 011	15192	74	+1	0.108 863	6589	32	+3
7	0.958 247	4842	281	−1	0.266 203	15114	78	+2	0.115 452	6556	33	+5
8	0.953 405	5122	280	−1	0.281 317	15032	82	+1	0.122 008	6520	36	0
9	+0.948 283	−5399	−277	+5	+0.296 349	+14945	−87	−2	+0.128 528	+6483	−37	−1
10	0.942 884	5676	277	+2	0.311 294	14855	90	+1	0.135 011	6443	40	−5
11	0.937 208	5950	274	+5	0.326 149	14760	95	0	0.141 454	6403	40	0
12	0.931 258	6224	274	0	0.340 909	14662	98	+3	0.147 857	6360	43	−4
13	0.925 034	6494	270	+4	0.355 571	14559	103	−1	0.154 217	6315	45	−5
14	0.918 540	6765	271	−4	0.370 130	14451	108	−4	0.160 532	6269	46	−3
15	+0.911 775	−7032	−267	+2	+0.384 581	+14341	−110	+3	+0.166 801	+6220	−49	−5
16	0.904 743	7298	266	0	0.398 922	14225	116	−1	0.173 021	6170	50	−1
17	0.897 445	7562	264	0	0.413 147	14106	119	+1	0.179 191	6118	52	+2
18	0.889 883	7823	261	+2	0.427 253	13981	125	−5	0.185 309	6065	53	+4
19	0.882 060	8083	260	−2	0.441 234	13853	128	−2	0.191 374	6008	57	−3
20	0.873 977	8339	256	+3	0.455 087	13720	133	−3	0.197 382	5951	57	+1
21	+0.865 638	−8593	−254	+2	+0.468 807	+13582	−138	−3	+0.203 333	+5891	−60	−4
22	0.857 045	8844	251	+2	0.482 389	13442	140	+4	0.209 224	5829	62	−5
23	0.848 201	9092	248	+1	0.495 831	13295	147	−4	0.215 053	5766	63	−1
24	0.839 109	9336	244	+2	0.509 126	13147	148	+4	0.220 819	5701	65	0
25	0.829 773	9578	242	−3	0.522 273	12993	154	−2	0.226 520	5635	66	+2
26	0.820 195	9816	238	0	0.535 266	12836	157	−1	0.232 155	5567	68	0
27	+0.810 379	−10050	−234	+4	+0.548 102	+12676	−160	+2	+0.237 722	+5497	−70	−3
28	0.800 329	10281	231	+5	0.560 778	12512	164	0	0.243 219	5426	71	−1
29	0.790 048	10508	227	+5	0.573 290	12345	167	0	0.248 645	5354	72	+1
30	0.779 540	10733	225	−1	0.585 635	12175	170	+1	0.253 999	5280	74	0
Mai 1	0.768 807	−10954	221	+1	0.597 810	+12002	173	0	0.259 279	+5205	75	+2
2	+0.757 853		−217	+5	+0.609 812		−177	−4	+0.264 484		−76	+2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit		Mittleres Äquinoktium 1925.0											
		X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1936													
Mai	2	+0.757 853	−11 171	−217	+5	+0.609 812	+11 825	−177	−4	+0.264 484	+5129	−76	+2
	3	0.746 682	11 385	214	+3	0.621 637	11 646	179	−2	0.269 613	5051	78	−1
	4	0.735 297	11 596	211	+1	0.633 283	11 463	183	−5	0.274 664	4972	79	+1
	5	0.723 701	11 803	207	+3	0.644 746	11 278	185	−4	0.279 636	4892	80	+2
	6	0.711 898	12 007	204	+1	0.656 024	11 089	189	−5	0.284 528	4810	82	0
	7	0.699 891	12 208	201	0	0.667 113	10 899	190	+3	0.289 338	4728	82	+5
	8	+0.687 683	−12 404	−196	+4	+0.678 012	+10 705	−194	+1	+0.294 066	+4644	−84	+1
	9	0.675 279	12 599	195	−3	0.688 717	10 508	197	+1	0.298 710	4558	86	−4
	10	0.662 680	12 788	189	+3	0.699 225	10 309	199	+4	0.303 268	4472	86	+1
	11	0.649 892	12 976	188	−2	0.709 534	10 107	202	+4	0.307 740	4384	88	+2
	12	0.636 916	13 158	182	+4	0.719 641	9902	205	+4	0.312 124	4296	88	+4
	13	0.623 758	13 339	181	−3	0.729 543	9694	208	+3	0.316 420	4205	91	−3
	14	+0.610 419	−13 515	−176	+1	+0.739 237	+ 9484	−210	+3	+0.320 625	+4113	−92	−2
	15	0.596 904	13 687	172	+3	0.748 721	9269	215	−4	0.324 738	4021	92	+3
	16	0.583 217	13 856	169	+2	0.757 990	9054	215	+3	0.328 759	3927	94	+1
	17	0.569 361	14 020	164	+5	0.767 044	8834	220	−3	0.332 686	3831	96	−1
	18	0.555 341	14 181	161	+1	0.775 878	8612	222	−3	0.336 517	3735	96	+4
	19	0.541 160	14 337	156	+3	0.784 490	8387	225	−5	0.340 252	3638	97	+3
	20	+0.526 823	−14 488	−151	+4	+0.792 877	+ 8159	−228	−4	+0.343 890	+3538	−100	−4
	21	0.512 335	14 635	147	0	0.801 036	7930	229	+3	0.347 428	3439	99	+2
	22	0.497 700	14 778	143	−5	0.808 966	7698	232	0	0.350 867	3338	101	−1
	23	0.482 922	14 916	138	−3	0.816 664	7463	235	−5	0.354 205	3236	102	−2
	24	0.468 006	15 048	132	+3	0.824 127	7227	236	−3	0.357 441	3134	102	+1
	25	0.452 958	15 176	128	+2	0.831 354	6989	238	−3	0.360 575	3031	103	+1
	26	+0.437 782	−15 300	−124	−1	+0.838 343	+ 6750	−239	0	+0.363 606	+2927	−104	−1
	27	0.422 482	15 419	119	0	0.845 093	6508	242	−3	0.366 533	2822	105	−2
	28	0.407 063	15 533	114	+3	0.851 601	6266	242	+1	0.369 355	2718	104	+3
	29	0.391 530	15 643	110	+3	0.857 867	6022	244	−2	0.372 073	2611	107	−4
	30	0.375 887	15 748	105	+5	0.863 889	5776	246	−4	0.374 684	2506	105	+2
	31	0.360 139	15 848	100	+4	0.869 665	5530	246	+1	0.377 190	2398	108	−3
Juni	1	+0.344 291	−15 945	− 97	−4	+0.875 195	+ 5282	−248	−1	+0.379 588	+2292	−106	+4
	2	0.328 346	16 037	92	−4	0.880 477	5033	249	0	0.381 880	2183	109	−2
	3	0.312 309	16 125	88	−4	0.885 510	4783	250	+1	0.384 063	2075	108	+2
	4	0.296 184	16 207	82	+2	0.890 293	4532	251	+2	0.386 138	1967	108	+3
	5	0.279 977	16 287	80	−3	0.894 825	4280	252	+3	0.388 105	1857	110	−3
	6	0.263 690	16 360	73	+3	0.899 105	4027	253	+3	0.389 962	1747	110	−2
	7	+0.247 330	−16 431	− 71	−4	+0.903 132	+ 3773	−254	+2	+0.391 709	+1637	−110	+1
	8	0.230 899	16 497	66	−3	0.906 905	3518	255	+1	0.393 346	1527	110	+3
	9	0.214 402	16 558	61	−2	0.910 423	3262	256	0	0.394 873	1415	112	−2
	10	0.197 844	16 616	58	−5	0.913 685	3004	258	−3	0.396 288	1304	111	+1
	11	0.181 228	−16 668	52	0	0.916 689	+ 2747	257	+3	0.397 592	+1191	113	−2
	12	+0.164 560		− 49	−2	+0.919 436		−260	−4	+0.398 783		−112	+2

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X	Diff.	Diff.	*ΔX**)	*Y*	Diff.	Diff.	*ΔY**)	*Z*	Diff.	Diff.	*ΔZ**)
1936												
Juni 12	+0.164 560	−16717	− 49	−2	+0.919 436	+2487	−260	−4	+0.398 783	+1079	−112	+2
13	0.147 843	16760	43	+4	0.921 923	2227	260	−3	0.399 862	966	113	+1
14	0.131 083	16798	38	+4	0.924 150	1966	261	−3	0.400 828	852	114	0
15	0.114 285	16833	35	−2	0.926 116	1703	263	−5	0.401 680	739	113	+4
16	0.097 452	16861	28	+3	0.927 819	1441	262	+2	0.402 419	624	115	0
17	0.080 591	16885	24	−2	0.929 260	1177	264	0	0.403 043	510	114	+4
18	+0.063 706	−16904	− 19	−3	+0.930 437	+ 914	−263	+5	+0.403 553	+ 396	−114	+5
19	0.046 802	16917	13	+1	0.931 351	650	264	+3	0.403 949	281	115	+1
20	0.029 885	16925	8	0	0.932 001	385	265	−2	0.404 230	167	114	+2
21	+0.012 960	16928	− 3	−2	0.932 386	+ 121	264	−1	0.404 397	+ 52	115	−4
22	−0.003 968	16926	+ 2	−4	0.932 507	− 143	264	−2	0.404 449	− 63	115	−5
23	0.020 894	16919	7	−5	0.932 364	407	264	−3	0.404 386	177	114	−1
24	−0.037 813	−16907	+ 12	−5	+0.931 957	− 670	−263	−1	+0.404 209	− 291	−114	0
25	0.054 720	16891	16	−4	0.931 287	933	263	−1	0.403 918	405	114	+1
26	0.071 611	16868	23	+4	0.930 354	1195	262	+2	0.403 513	518	113	+4
27	0.088 479	16842	26	−1	0.929 159	1456	261	+4	0.402 995	631	113	+2
28	0.105 321	16811	31	−2	0.927 703	1717	261	0	0.402 364	745	114	−3
29	0.122 132	16776	35	−2	0.925 986	1977	260	−2	0.401 619	857	112	+2
30	−0.138 908	−16735	+ 41	+3	+0.924 009	−2237	−260	−4	+0.400 762	− 970	−113	−1
Juli 1	0.155 643	16690	45	+1	0.921 772	2495	258	0	0.399 792	1081	111	+4
2	0.172 333	16642	48	−4	0.919 277	2753	258	−1	0.398 711	1193	112	+1
3	0.188 975	16588	54	+2	0.916 524	3009	256	+3	0.397 518	1304	111	0
4	0.205 563	16530	58	+4	0.913 515	3265	256	+2	0.396 214	1416	112	−4
5	0.222 093	16468	62	+3	0.910 250	3519	254	+3	0.394 798	1525	109	+4
6	−0.238 561	−16402	+ 66	+2	+0.906 731	−3774	−255	−3	+0.393 273	−1636	−111	−4
7	0.254 963	16331	71	+5	0.902 957	4026	252	+1	0.391 637	1746	110	−5
8	0.271 294	16256	75	+4	0.898 931	4279	253	−4	0.389 891	1856	110	−4
9	0.287 550	16177	79	+2	0.894 652	4530	251	−1	0.388 035	1964	108	+2
10	0.303 727	16093	84	+3	0.890 122	4781	251	−2	0.386 071	2074	110	−3
11	0.319 820	16004	89	+3	0.885 341	5030	249	+4	0.383 997	2182	108	+3
12	−0.335 824	−15912	+ 92	−5	+0.880 311	−5278	−248	+4	+0.381 815	−2289	−107	+5
13	0.351 736	15814	98	−3	0.875 033	5526	248	−1	0.379 526	2397	108	−2
14	0.367 550	15712	102	−4	0.869 507	5772	246	−1	0.377 129	2505	108	−4
15	0.383 262	15604	108	0	0.863 735	6017	245	−2	0.374 624	2610	105	+4
16	0.398 866	15493	111	−3	0.857 718	6260	243	−1	0.372 014	2716	106	+1
17	0.414 359	15375	118	+4	0.851 458	6502	242	−2	0.369 298	2820	104	+3
18	−0.429 734	−15254	+121	0	+0.844 956	−6741	−239	+3	+0.366 478	−2925	−105	−2
19	0.444 988	15127	127	+1	0.838 215	6979	238	+1	0.363 553	3027	102	+3
20	0.460 115	14997	130	−5	0.831 236	7214	235	+3	0.360 526	3130	103	−1
21	0.475 112	14861	136	−2	0.824 022	7448	234	−1	0.357 396	3230	100	+4
22	0.489 973	−14722	139	−5	0.816 574	−7678	230	+1	0.354 166	−3331	101	−2
23	−0.504 695		+144	−2	+0.808 896		−229	−4	+0.350 835		− 98	+2

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Juli 23	−0.504 695	−14578	+144	−2	+0.808 896	−7907	−229	−4	+0.350 835	−3429	−98	+2
24	0.519 273	14430	148	0	0.800 989	8134	227	−4	0.347 406	3528	99	−2
25	0.533 703	14277	153	+4	0.792 855	8356	222	+4	0.343 878	3624	96	+3
26	0.547 980	14121	156	0	0.784 499	8578	222	−3	0.340 254	3720	96	+1
27	0.562 101	13962	159	−5	0.775 921	8796	218	−1	0.336 534	3815	95	+1
28	0.576 063	13798	164	−1	0.767 125	9012	216	−3	0.332 719	3908	93	+5
29	−0.589 861	−13630	+168	+2	+0.758 113	−9225	−213	−3	+0.328 811	−4000	−92	+4
30	0.603 491	13459	171	+1	0.748 888	9436	211	−4	0.324 811	4092	92	0
31	0.616 950	13285	174	0	0.739 452	9643	207	+1	0.320 719	4181	89	+3
Aug. 1	0.630 235	13106	179	+5	0.729 809	9848	205	−2	0.316 538	4271	90	−5
2	0.643 341	12925	181	+1	0.719 961	10051	203	−5	0.312 267	4359	88	−3
3	0.656 266	12740	185	+2	0.709 910	10251	200	−4	0.307 908	4445	86	+1
4	−0.669 006	−12552	+188	+1	+0.699 659	−10448	−197	−1	+0.303 463	−4531	−86	−3
5	0.681 558	12360	192	+2	0.689 211	10642	194	0	0.298 932	4616	85	−4
6	0.693 918	12165	195	−1	0.678 569	10835	193	−4	0.294 316	4699	83	−1
7	0.706 083	11967	198	−3	0.667 734	11025	190	−1	0.289 617	4782	83	−3
8	0.718 050	11764	203	+1	0.656 709	11211	186	+5	0.284 835	4863	81	+1
9	0.729 814	11559	205	−4	0.645 498	11396	185	+1	0.279 972	4943	80	+2
10	−0.741 373	−11349	+210	−1	+0.634 102	−11576	−180	+4	+0.275 029	−5021	−78	+4
11	0.752 722	11136	213	−1	0.622 526	11755	179	−4	0.270 008	5099	78	−3
12	0.763 858	10919	217	0	0.610 771	11931	176	−5	0.264 909	5176	77	−5
13	0.774 777	10698	221	0	0.598 840	12102	171	+1	0.259 733	5250	74	+2
14	0.785 475	10475	223	−5	0.586 738	12271	169	−3	0.254 483	5322	72	+4
15	0.795 950	10247	228	−1	0.574 467	12436	165	−3	0.249 161	5395	73	−4
16	−0.806 197	−10017	+230	−3	+0.562 031	−12598	−162	−3	+0.243 766	−5464	−69	+2
17	0.816 214	9782	235	+4	0.549 433	12755	157	+3	0.238 302	5532	68	0
18	0.825 996	9545	237	+3	0.536 678	12909	154	+3	0.232 770	5599	67	−4
19	0.835 541	9305	240	+2	0.523 769	13058	149	+5	0.227 171	5664	65	−4
20	0.844 846	9062	243	+2	0.510 711	13205	147	−1	0.221 507	5727	63	−3
21	0.853 908	8816	246	+2	0.497 506	13347	142	+2	0.215 780	5789	62	−4
22	−0.862 724	−8569	+247	−4	+0.484 159	−13484	−137	+4	+0.209 991	−5849	−60	−1
23	0.871 293	8318	251	+1	0.470 675	13619	135	−3	0.204 142	5906	57	+5
24	0.879 611	8065	253	+3	0.457 056	13748	129	+1	0.198 236	5962	56	+4
25	0.887 676	7809	256	+5	0.443 308	13875	127	−4	0.192 274	6017	55	0
26	0.895 485	7552	257	−1	0.429 433	13997	122	0	0.186 257	6070	53	−2
27	0.903 037	7293	259	−4	0.415 436	14114	117	+4	0.180 187	6121	51	−2
28	−0.910 330	−7032	+261	−3	+0.401 322	−14228	−114	+2	+0.174 066	−6170	−49	−1
29	0.917 362	6768	264	+2	0.387 094	14337	109	+3	0.167 896	6218	48	−4
30	0.924 130	6504	264	−3	0.372 757	14444	107	−4	0.161 678	6264	46	−5
31	0.930 634	6237	267	0	0.358 313	14546	102	−1	0.155 414	6309	45	−5
Sept. 1	0.936 871	−5969	268	−1	0.343 767	−14644	98	+2	0.149 105	−6351	42	+2
2	−0.942 840		+271	+2	+0.329 123		−94	+4	+0.142 754		−41	0

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0ʰ Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*)
1936												
Sept. 2	−0.942 840	−5698	+271	+2	+0.329 123	−14738	−94	+4	+0.142 754	−6392	−41	0
3	0.948 538	5427	271	−4	0.314 385	14829	91	+3	0.136 362	6432	40	−3
4	0.953 965	5154	273	−2	0.299 556	14915	86	+4	0.129 930	6469	37	0
5	0.959 119	4878	276	+4	0.284 641	14999	84	−4	0.123 461	6506	37	−5
6	0.963 997	4600	278	+4	0.269 642	15078	79	−2	0.116 955	6540	34	−1
7	0.968 597	4321	279	−1	0.254 564	15153	75	+1	0.110 415	6573	33	−2
8	−0.972 918	−4040	+281	−3	+0.239 411	−15223	−70	+4	+0.103 842	−6604	−31	0
9	0.976 958	3757	283	−4	0.224 188	15290	67	−2	0.097 238	6632	28	+5
10	0.980 715	3473	284	−5	0.208 898	15353	63	−3	0.090 606	6659	27	+2
11	0.984 188	3186	287	+1	0.193 545	15409	56	+4	0.083 947	6684	25	−1
12	0.987 374	2899	287	−1	0.178 136	15463	54	−3	0.077 263	6707	23	−3
13	0.990 273	2609	290	+3	0.162 673	15511	48	0	0.070 556	6728	21	−3
14	−0.992 882	−2320	+289	−3	+0.147 162	−15554	−43	0	+0.063 828	−6747	−19	−2
15	0.995 202	2028	292	+2	0.131 608	15594	40	−4	0.057 081	6763	16	+2
16	0.997 230	1736	292	−1	0.116 014	15627	33	+4	0.050 318	6778	15	0
17	0.998 966	1444	292	−3	0.100 387	15656	29	+1	0.043 540	6790	12	+1
18	1.000 410	1150	294	+2	0.084 731	15681	25	−3	0.036 750	6801	11	−3
19	1.001 560	857	293	0	0.069 050	15700	19	+2	0.029 949	6809	8	−1
20	−1.002 417	− 562	+295	+5	+0.053 350	−15715	−15	+1	+0.023 140	−6815	− 6	−1
21	1.002 979	− 268	294	+2	0.037 635	15725	10	+2	0.016 325	6820	5	−4
22	1.003 247	+ 26	294	+1	0.021 910	15729	4	+4	0.009 505	6822	− 2	0
23	1.003 221	320	294	+2	+0.006 181	15731	− 2	−4	+0.002 683	6822	0	+2
24	1.002 901	615	295	+5	−0.009 550	15726	+ 5	+3	−0.004 139	6820	+ 2	+2
25	1.002 286	909	294	+1	0.025 276	15717	9	+1	0.010 959	6816	4	0
26	−1.001 377	+1201	+292	−4	−0.040 993	−15704	+13	−2	−0.017 775	−6811	+ 5	−4
27	1.000 176	1495	294	+4	0.056 697	15686	18	−1	0.024 586	6803	8	0
28	0.998 681	1788	293	+2	0.072 383	15664	22	−1	0.031 389	6793	10	+1
29	0.996 893	2079	291	−4	0.088 047	15637	27	+2	0.038 182	6782	11	−3
30	0.994 814	2371	292	−1	0.103 684	15606	31	+1	0.044 964	6769	13	−3
Okt. 1	0.992 443	2661	290	−4	0.119 290	15571	35	−2	0.051 733	6754	15	−2
2	−0.989 782	+2953	+292	+4	−0.134 861	−15532	+39	−4	−0.058 487	−6737	+17	−1
3	0.986 829	3243	290	−2	0.150 393	15489	43	−4	0.065 224	6718	19	−2
4	0.983 586	3532	289	−5	0.165 882	15441	48	0	0.071 942	6698	20	−5
5	0.980 054	3822	290	+1	0.181 323	15389	52	+1	0.078 640	6675	23	−2
6	0.976 232	4111	289	+1	0.196 712	15332	57	+4	0.085 315	6651	24	−3
7	0.972 121	4400	289	+2	0.212 044	15270	62	+4	0.091 966	6624	27	+1
8	−0.967 721	+4687	+287	−1	−0.227 314	−15205	+65	−2	−0.098 590	−6595	+29	+2
9	0.963 034	4975	288	+4	0.242 519	15134	71	+1	0.105 185	6564	31	0
10	0.958 059	5260	285	−1	0.257 653	15058	76	+1	0.111 749	6532	32	−5
11	0.952 799	5546	286	+4	0.272 711	14978	80	−3	0.118 281	6497	35	−1
12	0.947 253	+5829	283	−2	0.287 689	−14893	85	−3	0.124 778	−6459	38	+3
13	−0.941 424		+282	−2	−0.302 582		+90	−1	−0.131 237		+39	−2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			ΔX*)	Y			ΔY*)	Z			ΔZ*
1936												
Okt. 13	−0.941 424	+ 6111	+282	−2	−0.302 582	−14803	+ 90	−1	−0.131 237	−6420	+ 39	−2
14	0.935 313	6392	281	0	0.317 385	14708	95	+2	0.137 657	6380	40	−4
15	0.928 921	6670	278	−3	0.332 093	14609	99	+1	0.144 037	6336	44	+4
16	0.922 251	6948	278	+3	0.346 702	14504	105	+5	0.150 373	6290	46	+5
17	0.915 303	7222	274	−3	0.361 206	14395	109	+2	0.156 663	6243	47	+1
18	0.908 081	7495	273	+1	0.375 601	14282	113	−3	0.162 906	6194	49	0
19	−0.900 586	+ 7766	+271	+2	−0.389 883	−14164	+118	−2	−0.169 100	−6142	+ 52	+2
20	0.892 820	8034	268	−2	0.404 047	14042	122	−1	0.175 242	6090	52	−3
21	0.884 786	8299	265	−5	0.418 089	13914	128	+4	0.181 332	6034	56	+2
22	0.876 487	8562	263	−2	0.432 003	13783	131	0	0.187 366	5978	56	−3
23	0.867 925	8823	261	+2	0.445 786	13648	135	−2	0.193 344	5919	59	+2
24	0.859 102	9080	257	0	0.459 434	13509	139	−2	0.199 263	5858	61	+3
25	−0.850 022	+ 9335	+255	+4	−0.472 943	−13365	+144	+4	−0.205 121	−5797	+ 61	−2
26	0.840 687	9587	252	+4	0.486 308	13217	148	+5	0.210 918	5732	65	+4
27	0.831 100	9836	249	+2	0.499 525	13066	151	0	0.216 650	5667	65	−3
28	0.821 264	10082	246	0	0.512 591	12912	154	−5	0.222 317	5601	66	−5
29	0.811 182	10325	243	0	0.525 503	12753	159	−2	0.227 918	5532	69	+2
30	0.800 857	10566	241	+3	0.538 256	12592	161	−5	0.233 450	5461	71	+4
31	−0.790 291	+10804	+238	+2	−0.550 848	−12426	+166	+1	−0.238 911	−5390	+ 71	−3
Nov. 1	0.779 487	11039	235	0	0.563 274	12257	169	+2	0.244 301	5317	73	−4
2	0.768 448	11272	233	0	0.575 531	12084	173	+4	0.249 618	5242	75	−2
3	0.757 176	11501	229	−4	0.587 615	11907	177	+5	0.254 860	5165	77	0
4	0.745 675	11728	227	−1	0.599 522	11727	180	+2	0.260 025	5087	78	−3
5	0.733 947	11952	224	0	0.611 249	11542	185	+4	0.265 112	5007	80	−2
6	−0.721 995	+12172	+220	−2	−0.622 791	−11354	+188	−1	−0.270 119	−4925	+ 82	−1
7	0.709 823	12390	218	+3	0.634 145	11163	191	−5	0.275 044	4842	83	−2
8	0.697 433	12604	214	+1	0.645 308	10966	197	+1	0.279 886	4756	86	+1
9	0.684 829	12814	210	−3	0.656 274	10767	199	−4	0.284 642	4670	86	−4
10	0.672 015	13020	206	−5	0.667 041	10563	204	−2	0.289 312	4582	88	−3
11	0.658 995	13222	202	−4	0.677 604	10357	206	−5	0.293 894	4491	91	+2
12	−0.645 773	+13421	+199	+3	−0.687 961	−10146	+211	+1	−0.298 385	−4400	+ 91	−3
13	0.632 352	13616	195	+4	0.698 107	9932	214	+3	0.302 785	4308	92	−4
14	0.618 736	13805	189	−2	0.708 039	9714	218	+5	0.307 093	4212	96	+4
15	0.604 931	13992	187	+4	0.717 753	9493	221	+1	0.311 305	4117	95	−4
16	0.590 939	14173	181	−2	0.727 246	9270	223	−4	0.315 422	4020	97	−4
17	0.576 766	14349	176	−5	0.736 516	9042	228	+1	0.319 442	3921	99	−2
18	−0.562 417	+14522	+173	0	−0.745 558	− 8813	+229	−5	−0.323 363	−3822	+ 99	−5
19	0.547 895	14689	167	−3	0.754 371	8580	233	−1	0.327 185	3721	101	−2
20	0.533 206	14852	163	+1	0.762 951	8344	236	+1	0.330 906	3619	102	0
21	0.518 354	15010	158	+2	0.771 295	8107	237	−3	0.334 525	3515	104	+2
22	0.503 344	+15163	153	+1	0.779 402	− 7866	241	+4	0.338 040	−3412	103	−4
23	−0.488 181		+149	+4	−0.787 268		+243	+4	−0.341 452		+106	+2

*) ΔX, ΔY, ΔZ sind in Einheiten der 7. Dezimale gegeben.

0^h Welt-Zeit	Mittleres Äquinoktium 1925.0											
	X			*ΔX**)	*Y*			*ΔY**)	*Z*			*ΔZ**)
1936												
Nov. 23	−0.488 181	+15312	+149	+4	−0.787 268	−7623	+243	+4	−0.341 452	−3306	+106	+2
24	0.472 869	15456	144	+2	0.794 891	7379	244	−1	0.344 758	3201	105	−4
25	0.457 413	15594	138	−3	0.802 270	7132	247	+3	0.347 959	3094	107	+1
26	0.441 819	15729	135	+2	0.809 402	6883	249	+2	0.351 053	2986	108	+4
27	0.426 090	15859	130	+2	0.816 285	6633	250	−3	0.354 039	2877	109	+4
28	0.410 231	15985	126	+1	0.822 918	6380	253	−1	0.356 916	2768	109	−1
29	−0.394 246	+16105	+120	−5	−0.829 298	−6127	+253	−4	−0.359 684	−2658	+110	−3
30	0.378 141	16222	117	−1	0.835 425	5870	257	+4	0.362 342	2547	111	−2
Dez. 1	0.361 919	16334	112	−1	0.841 295	5611	259	+4	0.364 889	2434	113	+2
2	0.345 585	16441	107	−1	0.846 906	5352	259	−4	0.367 323	2322	112	−5
3	0.329 144	16545	104	+4	0.852 258	5090	262	−1	0.369 645	2208	114	−2
4	0.312 599	16642	97	−3	0.857 348	4825	265	+4	0.371 853	2093	115	−2
5	−0.295 957	+16735	+ 93	−1	−0.862 173	−4559	+266	+2	−0.373 946	−1978	+115	−5
6	0.279 222	16823	88	+1	0.866 732	4291	268	−1	0.375 924	1862	116	−2
7	0.262 399	16906	83	+1	0.871 023	4022	269	−5	0.377 786	1744	118	+5
8	0.245 493	16983	77	0	0.875 045	3751	271	−2	0.379 530	1626	118	+3
9	0.228 510	17056	73	+4	0.878 796	3478	273	+1	0.381 156	1508	118	−4
10	0.211 454	17122	66	−1	0.882 274	3203	275	+2	0.382 664	1390	118	−5
11	−0.194 332	+17184	+ 62	+1	−0.885 477	−2929	+274	−4	−0.384 054	−1269	+121	+4
12	0.177 148	17239	55	−4	0.888 406	2651	278	+4	0.385 323	1150	119	−1
13	0.159 909	17289	50	0	0.891 057	2374	277	−1	0.386 473	1029	121	+4
14	0.142 620	17334	45	+5	0.893 431	2095	279	+2	0.387 502	908	121	+5
15	0.125 286	17373	39	+5	0.895 526	1816	279	+1	0.388 410	787	121	+5
16	0.107 913	17406	33	+2	0.897 342	1535	281	+5	0.389 197	665	122	+5
17	−0.090 507	+17433	+ 27	−1	−0.898 877	−1255	+280	−1	−0.389 862	− 544	+121	0
18	0.073 074	17455	22	0	0.900 132	974	281	−2	0.390 406	422	122	+1
19	0.055 619	17470	15	−3	0.901 106	694	280	−4	0.390 828	301	121	−1
20	0.038 149	17481	11	+3	0.901 800	412	282	+3	0.391 129	179	122	+3
21	0.020 668	17486	+ 5	+2	0.902 212	− 132	280	−2	0.391 308	− 57	122	+5
22	−0.003 182	17485	− 1	−2	0.902 344	+ 149	281	+1	0.391 365	+ 65	122	+3
23	+0.014 303	+17478	− 7	−3	−0.902 195	+ 429	+280	−1	−0.391 300	+ 185	+120	−4
24	0.031 781	17468	10	+4	0.901 766	708	279	−2	0.391 115	307	122	+2
25	0.049 249	17451	17	−2	0.901 058	988	280	+4	0.390 808	428	121	−1
26	0.066 700	17429	22	−3	0.900 070	1266	278	+2	0.390 380	548	120	−4
27	0.084 129	17403	26	+1	0.898 804	1545	279	+5	0.389 832	669	121	0
28	0.101 532	17371	32	−1	0.897 259	1822	277	−1	0.389 163	789	120	0
29	+0.118 903	+17335	− 36	+3	−0.895 437	+2099	+277	0	−0.388 374	+ 910	+121	+5
30	0.136 238	17293	42	+2	0.893 338	2376	277	+2	0.387 464	1030	120	+3
31	0.153 531	+17247	46	+5	0.890 962	+2652	276	+1	0.386 434	+1150	120	+2
32	+0.170 778		− 52	+3	−0.888 310		+276	+3	−0.385 284		+120	+1

*) *ΔX*, *ΔY*, *ΔZ* sind in Einheiten der 7. Dezimale gegeben.

Mittleres Äquinoktium 1925.0

MERKUR 1936

0h Welt-Zeit	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	0h Welt-Zeit	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
1936		°	°	°	1936		°	°	°
Jan. 1	9.6048	323.72	−0.05	−6.96	Juli 4	9.5454	2.33	−0.21	−4.97
6	9.5733	343.74	−0.17	−6.28	9	9.5129	28.56	−0.13	−2.27
11	9.5389	6.97	−0.21	−4.56	14	9.4915	58.25	+0.08	+1.32
16	9.5077	33.91	−0.10	−1.64	19	9.4899	89.71	+0.21	+4.72
21	9.4895	64.11	+0.12	+2.02	24	9.5091	120.09	+0.12	+6.69
26	9.4921	95.58	+0.21	+5.23	29	9.5406	147.14	−0.07	+6.90
31	9.5144	125.47	+0.09	+6.85	Aug. 3	9.5750	170.28	−0.20	+5.89
Febr. 5	9.5471	151.78	−0.10	+6.79	8	9.6063	190.04	−0.21	+4.26
10	9.5812	174.22	−0.21	+5.62	13	9.6318	207.28	−0.14	+2.42
15	9.6115	193.44	−0.20	+3.93	18	9.6507	222.80	−0.03	+0.57
20	9.6358	210.31	−0.12	+2.07	23	9.6630	237.23	+0.07	−1.20
25	9.6535	225.58	−0.01	+0.23	28	9.6686	251.10	+0.16	−2.82
März 1	9.6645	239.86	+0.09	−1.52	Sept. 2	9.6677	264.84	+0.21	−4.27
6	9.6689	253.67	+0.17	−3.11	7	9.6603	278.91	+0.21	−5.49
11	9.6668	267.45	+0.21	−4.52	12	9.6463	293.73	+0.16	−6.42
16	9.6582	281.62	+0.20	−5.69	17	9.6256	309.84	+0.06	−6.94
21	9.6429	296.64	+0.14	−6.55	22	9.5984	327.86	−0.08	−6.89
26	9.6210	313.06	+0.03	−6.98	27	9.5659	348.51	−0.19	−6.00
31	9.5926	331.51	−0.10	−6.80	Okt. 2	9.5316	12.53	−0.20	−4.02
April 5	9.5595	352.74	−0.20	−5.72	7	9.5023	40.26	−0.05	−0.88
10	9.5254	17.46	−0.19	−3.51	12	9.4881	70.97	+0.16	+2.81
15	9.4982	45.85	−0.01	−0.19	17	9.4955	102.34	+0.20	+5.74
20	9.4879	76.89	+0.18	+3.46	22	9.5210	131.55	+0.04	+6.97
25	9.4992	108.06	+0.18	+6.11	27	9.5546	157.00	−0.14	+6.60
30	9.5270	136.63	+0.01	+7.00	Nov. 1	9.5883	178.66	−0.21	+5.28
Mai 5	9.5611	161.33	−0.16	+6.41	6	9.6174	197.30	−0.19	+3.53
10	9.5942	182.37	−0.21	+4.97	11	9.6403	213.75	−0.10	+1.66
15	9.6222	200.53	−0.17	+3.18	16	9.6565	228.76	+0.01	−0.16
20	9.6438	216.66	−0.08	+1.31	21	9.6660	242.90	+0.11	−1.88
25	9.6588	231.47	+0.03	−0.50	26	9.6690	256.67	+0.18	−3.43
30	9.6671	245.50	+0.13	−2.18	Dez. 1	9.6655	270.49	+0.21	−4.78
Juni 4	9.6689	259.25	+0.19	−3.71	6	9.6554	284.81	+0.19	−5.91
9	9.6641	273.13	+0.21	−5.03	11	9.6387	300.09	+0.12	−6.69
14	9.6528	287.59	+0.18	−6.08	16	9.6153	316.89	0.00	−7.00
19	9.6348	303.11	+0.10	−6.79	21	9.5857	335.89	−0.13	−6.65
24	9.6102	320.27	−0.02	−7.00	26	9.5519	357.83	−0.21	−5.34
29	9.5796	339.76	−0.15	−6.48	31	9.5185	23.35	−0.16	−2.87
Juli 4	9.5454	2.33	−0.21	−4.97					

$\Omega = 47^\circ.442$ $\quad i = 7^\circ.003$ $\quad m = \frac{1}{6\,000\,000}$

Mittleres Äquinoktium 1925.0

0h Welt-Zeit	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite	log r	Helioz. Länge	Red. a. d. Bahn	Helioz. Breite
	VENUS 1936				MARS 1936			
1936		°	in 0.001 °	°		°	in 0.001 °	°
Jan. −4	9.85678	161.100	+ 8	+3.382	0.14078	343.205	−11	−1.687
+6	9.85730	177.320	−19	+3.328	0.14160	349.530	13	1.592
16	9.85797	193.490	−41	+3.011	0.14286	355.824	14	1.479
26	9.85875	209.593	−50	+2.458	0.14453	2.076	15	1.350
Febr. 5	9.85957	225.620	−44	+1.716	0.14658	8.273	15	1.206
15	9.86037	241.575	−24	+0.845	0.14898	14.406	−14	−1.049
25	9.86108	257.466	+ 3	−0.089	0.15170	20.467	13	0.882
März 6	9.86167	273.311	+29	−1.012	0.15469	26.448	11	0.708
16	9.86207	289.127	+46	−1.858	0.15791	32.343	8	0.529
26	9.86226	304.936	+50	−2.561	0.16132	38.149	6	0.347
April 5	9.86223	320.754	+39	−3.071	0.16489	43.862	− 3	−0.164
15	9.86197	336.593	+16	−3.348	0.16856	49.480	0	+0.017
25	9.86152	352.463	−11	−3.372	0.17229	55.003	+ 3	0.195
Mai 5	9.86089	8.370	−35	−3.138	0.17606	60.432	6	0.368
15	9.86015	24.317	−49	−2.663	0.17982	65.767	8	0.535
25	9.85934	40.307	−48	−1.980	0.18354	71.012	+10	+0.695
Juni 4	9.85852	56.342	−32	−1.141	0.18720	76.169	12	0.846
14	9.85777	72.427	− 6	−0.210	0.19076	81.241	13	0.988
24	9.85713	88.561	+21	+0.740	0.19420	86.232	14	1.120
Juli 4	9.85667	104.742	+42	+1.635	0.19750	91.146	15	1.242
14	9.85642	120.964	+50	+2.401	0.20064	95.989	+15	+1.353
24	9.85640	137.212	+42	+2.976	0.20360	100.765	14	1.454
Aug. 3	9.85661	153.466	+21	+3.313	0.20637	105.478	14	1.543
13	9.85704	169.702	− 7	+3.387	0.20894	110.134	13	1.620
23	9.85764	185.898	−32	+3.191	0.21130	114.738	11	1.687
Sept. 2	9.85838	202.033	−48	+2.745	0.21342	119.295	+ 9	+1.742
12	9.85919	218.097	−49	+2.085	0.21532	123.810	7	1.785
22	9.86000	234.085	−35	+1.266	0.21697	128.288	5	1.817
Okt. 2	9.86076	250.004	−10	+0.353	0.21838	132.735	3	1.838
12	9.86141	265.868	+17	−0.584	0.21955	137.156	+ 1	1.848
22	9.86190	281.695	+39	−1.474	0.22045	141.556	− 1	+1.847
Nov. 1	9.86220	297.505	+50	−2.252	0.22111	145.940	4	1.835
11	9.86227	313.317	+46	−2.858	0.22150	150.313	6	1.813
21	9.86212	329.145	+28	−3.249	0.22164	154.681	8	1.780
Dez. 1	9.86175	345.000	+ 2	−3.393	0.22151	159.049	10	1.737
11	9.86120	0.889	−25	−3.280	0.22113	163.421	−11	+1.683
21	9.86051	16.817	−44	−2.915	0.22049	167.804	13	1.620
31	9.85972	32.786	−50	−2.324	0.21959	172.202	−14	+1.547

Venus: $\Omega = 76°.005$ $\quad i = 3°.394$ $\quad m = \frac{1}{408\,000}$

Mars: $\Omega = 48°.979$ $\quad i = 1°.850$ $\quad m = \frac{1}{3\,093\,500}$

Mittleres Äquinoktium 1925.0

0h Welt-Zeit		Julian. Zeit	log R	Länge	log r	Heliozentr. Länge	Red. auf d. Bahn	Heliozentr. Breite
		ERDE 1936			JUPITER 1936			
1936		d		°		°	° in 0.0001	°
Jan.	−4	2428 163.5	9.99272	94.153	0.728466	246.1982	−68	+0.7225
	+6	173.5	9.99266	104.346	0.728231	246.9830	68	0.7075
	16	183.5	9.99284	114.536	0.727994	247.7686	67	0.6923
	26	193.5	9.99323	124.713	0.727754	248.5551	66	0.6770
Febr.	5	203.5	9.99383	134.866	0.727511	249.3425	65	0.6615
	15	2428 213.5	9.99462	144.987	0.727266	250.1308	−64	+0.6459
	25	223.5	9.99556	155.067	0.727018	250.9199	63	0.6302
März	6	233.5	9.99664	165.101	0.726768	251.7100	62	0.6143
	16	243.5	9.99781	175.083	0.726515	252.5009	61	0.5983
	26	253.5	9.99904	185.009	0.726260	253.2928	59	0.5822
April	5	2428 263.5	0.00029	194.879	0.726003	254.0856	−58	+0.5659
	15	273.5	0.00152	204.693	0.725744	254.8793	57	0.5495
	25	283.5	0.00271	214.451	0.725482	255.6740	55	0.5330
Mai	5	293.5	0.00381	224.159	0.725218	256.4696	54	0.5163
	15	303.5	0.00479	233.820	0.724952	257.2662	52	0.4996
	25	2428 313.5	0.00564	243.440	0.724684	258.0639	−51	+0.4827
Juni	4	323.5	0.00632	253.027	0.724414	258.8624	49	0.4657
	14	333.5	0.00681	262.587	0.724142	259.6620	48	0.4486
	24	343.5	0.00712	272.130	0.723868	260.4625	46	0.4314
Juli	4	353.5	0.00722	281.664	0.723592	261.2641	45	0.4140
	14	2428 363.5	0.00712	291.198	0.723314	262.0667	−43	+0.3966
	24	373.5	0.00682	300.741	0.723034	262.8704	41	0.3791
Aug.	3	383.5	0.00632	310.301	0.722753	263.6750	39	0.3614
	13	393.5	0.00564	319.888	0.722470	264.4808	38	0.3437
	23	403.5	0.00480	329.508	0.722186	265.2875	36	0.3259
Sept.	2	2428 413.5	0.00381	339.168	0.721899	266.0953	−34	+0.3080
	12	423.5	0.00271	348.876	0.721611	266.9041	32	0.2900
	22	433.5	0.00153	358.635	0.721322	267.7141	30	0.2720
Okt.	2	443.5	0.00029	8.448	0.721031	268.5251	28	0.2538
	12	453.5	9.99904	18.318	0.720739	269.3373	26	0.2356
	22	2428 463.5	9.99781	28.245	0.720446	270.1505	−24	+0.2173
Nov.	1	473.5	9.99663	38.227	0.720151	270.9648	22	0.1989
	11	483.5	9.99556	48.261	0.719855	271.7802	20	0.1805
	21	493.5	9.99461	58.342	0.719557	272.5968	18	0.1620
Dez.	1	503.5	9.99382	68.463	0.719259	273.4144	16	0.1434
	11	2428 513.5	9.99322	78.617	0.718960	274.2332	−14	+0.1248
	21	523.5	9.99283	88.794	0.718659	275.0531	12	0.1062
	31	2428 533.5	9.99266	98.984	0.718358	275.8741	−10	+0.0875

$m = \frac{1}{329\,390}$ $\Omega = 99.°6906$ $i = 1.°3073$ $m = \frac{1}{1047.35}$

Mittleres Äquinoktium 1925.0

0^h Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			SATURN 1936				
			d		°	in 0.0001	°
1935	Dez.	7	2428 143.5	0.987042	339.8287	+270	−1.8163
1936	Jan.	16	183.5	0.986551	341.1219	269	1.8542
	Febr.	25	223.5	0.986055	342.4182	267	1.8913
	April	5	263.5	0.985556	343.7177	+265	−1.9275
	Mai	15	303.5	0.985052	345.0203	263	1.9628
	Juni	24	343.5	0.984544	346.3260	259	1.9972
	Aug.	3	383.5	0.984033	347.6350	+255	−2.0306
	Sept.	12	423.5	0.983518	348.9472	251	2.0630
	Okt.	22	463.5	0.983000	350.2627	246	2.0943
	Dez.	1	2428 503.5	0.982479	351.5815	+241	−2.1247

$\Omega = 113.0016°$ $i = 2.4913°$ $m = \frac{1}{3501.6}$

0^h Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			URANUS 1936				
			d		°	in 0.001	°
1935	Dez.	7	2428 143.5	1.29708	33.788	− 3	−0.495
1936	Jan.	16	183.5	1.29697	34.227	3	0.491
	Febr.	25	223.5	1.29686	34.667	3	0.486
	April	5	263.5	1.29675	35.106	− 3	−0.482
	Mai	15	303.5	1.29664	35.546	3	0.477
	Juni	24	343.5	1.29653	35.986	3	0.472
	Aug.	3	383.5	1.29642	36.426	− 2	−0.468
	Sept.	12	423.5	1.29630	36.867	2	0.463
	Okt.	22	463.5	1.29619	37.308	2	0.458
	Dez.	1	2428 503.5	1.29607	37.749	− 2	−0.453

$\Omega = 73.616°$ $i = 0.773°$ $m = \frac{1}{22\,869}$

0^h Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			NEPTUN 1936				
			d		°	in 0.001	°
1935	Dez.	7	2428 143.5	1.47997	164.708	+ 13	+0.987
1936	Jan.	16	183.5	1.47998	164.945	13	0.993
	Febr.	25	223.5	1.47999	165.182	13	1.000
	April	5	263.5	1.48000	165.419	+ 13	+1.006
	Mai	15	303.5	1.48000	165.656	13	1.012
	Juni	24	343.5	1.48001	165.893	13	1.018
	Aug.	3	383.5	1.48002	166.130	+ 13	+1.024
	Sept.	12	423.5	1.48003	166.367	13	1.030
	Okt.	22	463.5	1.48004	166.604	13	1.036
	Dez.	1	2428 503.5	1.48005	166.840	+ 13	+1.042

$\Omega = 130.954°$ $i = 1.777°$ $m = \frac{1}{19\,314}$

0^h Welt-Zeit			Julian. Zeit	log r	Heliozentrische Länge	Red. auf die Bahn	Heliozentrische Breite
			PLUTO 1936				
			d		°	in 0.001	°
1935	Dez.	7	2428 143.5	1.60091	115.983	+308	+2.057
1936	Febr.	25	223.5	1.60031	116.271	321	2.145
	Mai	15	303.5	1.59972	116.560	334	2.234
	Aug.	3	383.5	1.59913	116.850	347	2.323
	Okt.	22	2428 463.5	1.59854	117.141	+360	+2.412

$\Omega = 109.294°$ $i = 17.145°$ $m \approx \frac{1}{3300000}$

Mittlere und Scheinbare Sternörter 1936

Reduktionsgrößen

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
905	[2 Ceti]	4.62	A 0	0 0 27.736	+3.0733	+ 12	−17 41 32.11	+20.040	− 4
1	α Androm.	2.15	A 0p	0 5 4.492	+3.0999	+ 107	+28 44 13.68	+19.878	− 161
2	β Cassiopeiae	2.42	F 5	0 5 44.995	+3.1961	+ 677	+58 47 48.45	+19.858	− 180
3	ε Phoenicis	3.94	K 0	0 6 9.994	+3.0456	+ 99	−46 6 2.72	+19.844	− 192
4	[22 Androm.]	5.08	F 0	0 6 59.173	+3.1156	+ 8	+45 42 57.91	+20.031	− 3
5	[κ² Sculptoris]	5.56	K 0	0 8 19.586	+3.0474	+ 4	−28 9 23.21	+20.036	+ 6
6	[ϑ Sculptoris]	5.19	F 5	0 8 28.847	+3.0481	+ 104	−35 29 29.06	+20.154	+ 124
7	γ Pegasi	2.87	B 2	0 9 56.236	+3.0884	+ 1	+14 49 39.81	+20.011	− 14
8	[Br 6]	6.23	B 9	0 12 34.165	+3.3871	+ 68	+76 35 42.95	+20.015	+ 1
9	ι Ceti	3.75	K 0	0 16 10.019	+3.0563	− 15	− 9 10 43.15	+19.962	− 32
10	ζ Tucanae	4.34	F 8	0 16 44.832	+3.1305	+2692	−65 15 3.71	+21.144	+1154
11	β Hydri	2.90	G 0	0 22 25.145	+3.1709	+6922	−77 36 52.83	+20.266	+ 318
12	α Phoenicis	2.44	K 0	0 23 7.399	+2.9658	+ 168	−42 39 13.38	+19.533	− 409
13	12 Ceti	6.04	K 5	0 26 46.357	+3.0620	+ 8	− 4 18 38.86	+19.899	− 8
14	[Ceti 49 G.]	5.23	A 3	0 27 10.752	+2.9996	− 25	−24 8 30.19	+19.912	+ 9
15	[λ¹ Phoenicis]	4.88	A 2	0 28 19.937	+2.8946	+ 122	−49 9 26.92	+19.903	+ 12
16	[κ Cassiop.]	4.24	B 0	0 29 20.758	+3.4030	+ 11	+62 34 43.81	+19.883	+ 3
17	ζ Cassiopeiae	3.72	B 3	0 33 23.636	+3.3379	+ 23	+53 32 41.75	+19.824	− 7
18	π Androm.	4.44	B 3	0 33 27.411	+3.2027	+ 17	+33 22 2.23	+19.831	0
19	[ε Androm.]	4.52	G 5	0 35 10.102	+3.1687	− 173	+28 57 52.20	+19.557	− 251
20	δ Androm.	3.49	K 2	0 35 53.998	+3.2064	+ 106	+30 30 39.94	+19.715	− 84
21	α Cassiopeiae	2.47	K 0	0 36 51.707	+3.3985	+ 60	+56 11 11.89	+19.756	− 29
22	β Ceti	2.24	K 0	0 40 22.657	+3.0114	+ 160	−18 20 15.50	+19.772	+ 39
23	[η Phoenicis]	4.53	A 0	0 40 29.118	+2.7004	+ 5	−57 48 51.12	+19.724	− 8
26	[λ² Sculptoris]	5.97	K 0	0 41 6.471	+2.8993	+ 178	−38 46 27.10	+19.837	+ 114
25	ο Cassiopeiae	4.70	B 2	0 41 8.941	+3.3396	+ 22	+47 56 3.68	+19.713	− 8
24	21 Cassiopeiae	5.59	A 2	0 41 23.036	+3.9408	− 57	+74 38 18.81	+19.695	− 23
27	ζ Androm.	4.30	K 0	0 43 56.488	+3.1784	− 75	+23 55 9.52	+19.598	− 79
28	[δ Piscium]	4.55	K 5	0 45 21.560	+3.1116	+ 52	+ 7 14 13.43	+19.607	− 46
31	[λ Hydri]	4.96	K 5	0 46 22.875	+2.0909	+ 397	−75 16 17.88	+19.608	− 27
29	[Br 82]	5.45	F 2 + A 2	0 46 49.509	+3.6323	+ 59	+63 53 58.34	+19.622	− 5
30	[19 Ceti]	5.24	F 5	0 46 55.249	+3.0044	− 159	−10 59 19.27	+19.403	− 223
34	[λ² Tucanae]	5.34	K 0	0 52 36.946	+2.2399	− 33	−69 52 22.83	+19.473	− 45
32	γ Cassiopeiae	2.25	B 0p	0 52 49.739	+3.6135	+ 37	+60 22 14.03	+19.510	− 4
33	μ Androm.	3.94	A 2	0 53 11.601	+3.3274	+ 129	+38 9 9.42	+19.542	+ 36
35	α Sculptoris	4.39	B 5	0 55 31.336	+2.8897	− 5	−29 42 11.58	+19.453	− 5
36	ε Piscium	4.45	K 0	0 59 37.149	+3.1130	− 55	+ 7 32 45.65	+19.400	+ 30
37	[26 Ceti]	6.07	F 0	1 0 31.312	+3.0873	+ 81	+ 1 1 26.88	+19.310	− 39
38	β Phoenicis	3.35	K 0	1 3 13.718	+2.6762	− 56	−47 3 41.04	+19.270	− 15
39	[ι Tucanae]	5.32	K 0	1 4 46.820	+2.3786	+ 100	−62 7 0.36	+19.244	− 4

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
40	[η Ceti]	3.60	K o	1 5 22.146	+3.0169	+ 137	−10 31 15.96	+19.102	−132
42	β Androm.	2.37	M a	1 6 8.507	+3.3572	+ 151	+35 16 54.24	+19.102	−113
41	[44 H. Cephei]	5.68	A o	1 6 40.044	+5.1414	+ 335	+79 20 2.93	+19.211	+ 9
43	[τ Piscium]	4.70	K o	1 8 7.777	+3.3023	+ 56	+29 45 0.75	+19.123	− 41
44	[Sculpt. 102 G.]	5.91	A 5	1 9 48.460	+2.7616	+ 39	−38 11 42.99	+19.094	− 27
45	υ Piscium	4.67	A 2	1 15 56.572	+3.2953	+ 15	+26 55 41.43	+18.943	− 11
47	ϑ Ceti	3.83	K o	1 20 49.417	+2.9984	− 55	− 8 30 47.18	+18.596	−214
46	[ψ Cassiop.]	4.96	K o	1 21 23.034	+4.2247	+ 135	+67 47 48.36	+18.826	+ 32
48	δ Cassiopeiae	2.80	A 5	1 21 36.658	+3.9166	+ 399	+59 54 12.20	+18.743	− 43
49	[γ Phoenicis]	3.40	K 5	1 25 35.175	+2.6042	− 38	−43 38 45.05	+18.445	−218
50	η Piscium	3.72	G 5	1 28 3.277	+3.2089	+ 15	+15 0 59.02	+18.575	− 7
53	[Hydri 14 G.]	6.06	G 5	1 33 12.440	+0.3891	− 70	−78 49 46.55	+18.281	−128
51	40 Cassiopeiae	5.50	K o	1 33 21.557	+4.7723	− 20	+72 42 53.44	+18.398	− 6
52	υ Persei	3.77	K o	1 34 3.131	+3.6778	+ 64	+48 18 16.75	+18.266	−113
54	α Eridani	0.60	B 5	1 35 20.023	+2.2356	+ 121	−57 33 41.54	+18.297	− 38
55	43 Cassiopeiae	5.54	A o p	1 37 34.277	+4.4287	+ 88	+67 43 13.08	+18.253	− 2
56	[ν Piscium]	4.68	K o	1 38 5.896	+3.1215	− 16	+ 5 9 51.51	+18.237	+ 2
58	[Sculpt. 129 G.]	5.64	A o	1 39 13.646	+2.6424	− 57	−37 9 17.00	+18.171	− 23
57	φ Persei	4.19	B o p	1 39 38.183	+3.7551	+ 26	+50 22 1.48	+18.165	− 15
59	τ Ceti	3.65	K o	1 41 5.674	+2.7870	−1194	−16 16 26.52	+18.978	+853
60	ο Piscium	4.50	K o	1 42 0.656	+3.1671	+ 47	+ 8 50 10.59	+18.141	+ 50
61	Lac. ε Sculpt.	5.39	F o	1 42 38.845	+2.8085	+ 99	−25 22 20.08	+17.992	− 75
62	ζ Ceti	3.92	K o	1 48 18.016	+2.9608	+ 22	−10 39 2.10	+17.813	− 34
64	α Trianguli	3.58	F 5	1 49 25.627	+3.4183	+ 11	+29 16 4.14	+17.569	−233
63	ε Cassiopeiae	3.44	B 3	1 49 46.069	+4.3054	+ 50	+63 21 21.32	+17.774	− 15
65	ξ Piscium	4.84	K o	1 50 14.398	+3.1054	+ 13	+ 2 52 19.81	+17.789	+ 19
67	ψ Phoenicis	4.41	M b	1 51 4.862	+2.4048	− 94	−46 36 57.04	+17.634	−101
66	β Arietis	2.72	A 5	1 51 5.962	+3.3123	+ 65	+20 29 45.37	+17.626	−109
69	[η^2 Hydri]	4.72	K o	1 53 18.610	+1.5186	+ 119	−67 57 42.30	+17.723	+ 79
68	χ Eridani	3.73	G 5	1 53 28.012	+2.3337	+ 711	−51 55 38.38	+17.907	+270
72	α Hydri	3.02	F o	1 56 45.146	+1.8895	+ 360	−61 52 51.44	+17.520	+ 21
71	υ Ceti	4.18	M a	1 56 59.357	+2.8264	+ 91	−21 23 13.99	+17.475	− 14
70	50 Cassiopeiae	4.06	A 2	1 57 55.603	+5.1015	− 91	+72 6 46.24	+17.473	+ 25
73	γ Androm.	2.28 5.08	K o A o	1 59 57.677	+3.6792	+ 43	+42 1 24.41	+17.306	− 54
74	α Arietis	2.23	K 2	2 3 33.600	+3.3802	+ 137	+23 9 38.55	+17.058	−143
75	β Trianguli	3.08	A 5	2 5 43.662	+3.5675	+ 122	+34 41 7.70	+17.062	− 40
77	[6 Persei]	5.40	K o	2 9 20.152	+3.9851	+ 368	+50 46 10.29	+16.767	−169
76	55 Cassiopeiae	6.15	F 5 + A 2	2 9 25.953	+4.6954	− 10	+66 13 32.74	+16.934	+ 3
78	Lac. μ Forn.	5.24	A o	2 10 5.414	+2.6422	+ 13	−31 1 24.49	+16.902	+ 2
79	[γ Trianguli]	4.07	A o	2 13 30.135	+3.5642	+ 37	+33 33 8.12	+16.694	− 44

Mittlere Sternörter 1936.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
80	67 Ceti	5.70	G 5	2 13 47.371	+2.9917	+ 55	− 6 42 58.81	+16.615	−110
82	[φ Eridani]	3.78	B 8	2 14 13.324	+2.1422	+ 81	−51 48 29.00	+16.668	− 36
81	[ϑ Arietis]	5.69	A 0	2 14 33.657	+3.3357	− 10	+19 36 21.46	+16.686	− 2
83	[κ Fornacis]	5.37	F 5	2 19 36.833	+2.7451	+ 142	−24 6 23.40	+16.375	− 63
84	[λ Horologii]	5.47	F 2	2 23 6.481	+1.6772	− 95	−60 35 52.92	+16.124	−137
86	[κ Eridani]	4.44	B 5	2 24 38.259	+2.1974	− 2	−47 59 26.58	+16.160	− 23
85	ξ² Ceti	4.34	A 0	2 24 45.188	+3.1889	+ 26	+ 8 10 26.85	+16.173	− 4
88	[λ¹ Fornacis]	5.88	K 0	2 30 26.772	+2.4992	− 43	−34 55 51.52	+15.846	− 32
87	36 H. Cassiop.	5.34	K 0	2 31 54.146	+5.6812	− 60	+72 32 24.37	+15.822	+ 21
90	μ Hydri	5.29	K 0	2 32 58.879	−1.2954	+ 468	−79 23 19.63	+15.708	− 33
89	ν Arietis	5.36	A 2	2 35 10.622	+3.4050	− 9	+21 41 8.51	+15.607	− 16
91	δ Ceti	4.04	B 2	2 36 11.983	+3.0744	+ 7	+ 0 3 12.05	+15.564	− 2
95	[ε Hydri]	4.26	B 9	2 38 35.896	+0.9207	+ 168	−68 32 27.26	+15.438	+ 5
92	[Br 366]	5.84	A 2	2 39 17.357	+5.1470	+ 25	+67 33 15.65	+15.366	− 29
94	[35 Arietis]	4.58	B 3	2 39 41.404	+3.5186	+ 4	+27 26 9.44	+15.365	− 7
93	ϑ Persei	4.22	F 8	2 39 49.000	+4.0933	+ 346	+48 57 32.42	+15.276	− 89
96	[γ Ceti]	3.58	A 2	2 39 58.899	+3.1077	− 98	+ 2 58 1.35	+15.207	−148
97	π Ceti	4.39	B 5	2 41 4.534	+2.8548	− 8	−14 7 43.71	+15.285	− 9
98	μ Ceti	4.36	F 0	2 41 28.734	+3.2421	+ 189	+ 9 50 41.78	+15.240	− 31
99	[η Persei]	3.93	K 0	2 46 0.777	+4.3705	+ 28	+55 37 52.72	+15.001	− 11
100	41 Arietis	3.68	B 8	2 46 12.653	+3.5297	+ 51	+26 59 52.38	+14.887	−113
101	β Fornacis	4.50	K 0	2 46 24.678	+2.5103	+ 63	−32 40 26.08	+15.147	+159
102	τ² Eridani	4.81	K 0	2 48 8.090	+2.7209	− 39	−21 16 1.77	+14.858	− 29
103	τ Persei	4.06	G 0 + A 5	2 49 42.390	+4.2482	+ 3	+52 30 7.13	+14.794	− 2
104	η Eridani	4.05	K 0	2 53 17.964	+2.9305	+ 52	− 9 9 6.93	+14.363	−218
106	ϑ Eridani	3.42 4.42	A 2	2 55 49.926	+2.2724	− 67	−40 33 37.01	+14.456	+ 28
105	47 H. Cephei	5.66	M a	2 57 29.655	+7.9459	− 113	+79 10 7.05	+14.349	+ 22
107	α Ceti	2.82	M a	2 58 55.863	+3.1352	− 9	+ 3 50 22.92	+14.163	− 76
108	γ Persei	3.08	F 5 + A 3	3 0 8.838	+4.3397	+ 2	+53 15 26.25	+14.160	− 4
109	*ρ Persei	var.	M b	3 1 4.042	+3.8420	+ 114	+38 35 37.10	+14.004	−104
110	μ Horologii	5.16	F 0	3 2 6.044	+1.4107	− 117	−59 59 8.09	+13.975	− 68
113	[ϑ Hydri]	5.52	B 8	3 2 6.511	+0.1167	+ 51	−72 9 8.19	+14.064	+ 22
111	*β Persei	var.	B 8	3 3 59.774	+3.9008	+ 7	+40 42 37.65	+13.923	− 1
112	[ι Persei]	4.17	G 0	3 4 26.179	+4.3251	+1297	+49 22 13.03	+13.812	− 84
114	δ Arietis	4.53	K 0	3 7 57.892	+3.4293	+ 106	+19 29 9.32	+13.668	− 4
117	12 Eridani	3.95	F 8	3 9 21.039	+2.5471	+ 241	−29 14 18.55	+14.227	+644
116	[94 Ceti]	5.14	F 8	3 9 30.384	+3.0620	+ 136	− 1 26 3.77	+13.512	− 62
118	[Horol. 38 G.]	5.72	N a	3 10 55.593	+1.5167	− 5	−57 33 39.27	+13.475	− 6
115	48 H. Cephei	5.50	F 0	3 12 7.463	+7.5737	+ 183	+77 30 9.20	+13.360	− 44
119	[e Eridani]	4.30	G 5	3 17 22.333	+2.3957	+2785	−43 18 50.13	+13.788	+729

Nr. 109. Größe: Max. 3.3, Min. 4.1 Nr. 111. Größe: Max. 2.3, Min. 3.5

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
120	α Persei	1.90	F 5	3 19 44.540	+4.2790	+ 29	+49 38 5.85	+12.875	— 26
121	o Tauri	3.80	G 5	3 21 21.975	+3.2279	— 44	+ 8 48 17.34	+12.716	— 76
123	[ξ Tauri]	3.75	B 8	3 23 41.849	+3.2507	+ 39	+ 9 30 38.24	+12.590	— 45
122	2 H. Camelop.	4.42	B 9 p	3 23 52.137	+4.8506	— 1	+59 43 9.28	+12.629	+ 6
124	[σ Persei]	4.55	K o	3 26 3.146	+4.2265	+ 9	+47 46 33.34	+12.497	+ 23
125	*f* Tauri	4.28	K o	3 27 20.172	+3.3114	+ 13	+12 43 6.65	+12.381	— 5
126	[κ Reticuli]	4.80	F 5	3 28 15.070	+1.0415	+514	—63 9 46.52	+12.683	+360
127	ε Eridani	3.81	K o	3 29 54.848	+2.8266	—658	— 9 40 26.12	+12.221	+ 14
128	[Horol. 45 G.]	5.60	K o	3 30 39.931	+1.7846	+ 48	—50 35 42.49	+12.236	+ 80
130	[*y* Eridani]	4.58	K o	3 34 47.801	+2.1521	— 16	—40 29 1.40	+11.842	— 24
129	[Grb 716]	5.32	M a	3 36 34.905	+5.1976	— 21	+63 0 40.97	+11.763	+ 22
131	δ Persei	3.10	B 5	3 38 21.519	+4.2683	+ 33	+47 35 4.46	+11.579	— 35
133	[δ Fornacis]	4.93	B 5	3 39 42.104	+2.3854	— 5	—32 8 31.27	+11.525	+ 7
135	[δ Eridani]	3.72	K o	3 40 10.856	+2.8739	— 64	— 9 58 44.00	+12.231	+747
132	[o Persei]	3.94	B 1	3 40 17.984	+3.7607	+ 8	+32 5 12.82	+11.458	— 17
134	ν Persei	3.93	F 5	3 40 50.299	+4.0736	— 6	+42 22 40.61	+11.432	— 5
136	[17 Tauri]	3.81	B 5 p	3 41 4.241	+3.5616	+ 17	+23 54 48.78	+11.376	— 44
137	[24 Eridani]	5.09	B 8	3 41 15.347	+3.0470	+ 1	— 1 21 49.81	+11.398	— 8
141	β Reticuli	3.80	K o	3 43 23.404	+0.7484	+477	—65 0 29.76	+11.313	+ 61
138	5 H. Camelop.	4.67	A o	3 43 34.072	+6.3156	+ 42	+71 8 15.37	+11.200	— 40
139	η Tauri	2.96	B 5 p	3 43 40.554	+3.5654	+ 17	+23 54 31.02	+11.184	— 48
140	τ^6 Eridani	4.33	F 8	3 44 5.582	+2.5803	—124	—23 26 15.48	+10.683	—519
142	[27 Tauri]	3.80	B 8	3 45 21.136	+3.5663	+ 14	+23 51 32.93	+11.065	— 45
143	*g* Eridani	4.24	K o	3 47 3.527	+2.2452	— 40	—36 23 35.53	+10.934	— 52
146	γ Hydri	3.17	M a	3 48 12.537	—0.9404	+124	—74 26 8.37	+11.010	+109
144	ζ Persei	2.91	B 1	3 50 6.238	+3.7702	+ 11	+31 41 42.33	+10.751	— 11
145	*9 H. Camelop.	5.22	K o + A o	3 51 39.821	+5.1088	— 3	+60 55 24.24	+10.630	— 16
147	ε Persei	2.96	B 1	3 53 33.150	+4.0243	+ 23	+39 49 35.98	+10.477	— 29
148	ξ Persei	4.05	Oe 5	3 54 48.417	+3.8917	+ 10	+35 36 30.57	+10.404	— 8
149	γ Eridani	3.19	K 5	3 55 2.532	+2.7989	+ 42	—13 41 22.19	+10.283	—112
150	*λ Tauri	var.	B 3	3 57 7.885	+3.3232	— 5	+12 18 39.05	+10.225	— 13
151	ν Tauri	3.94	A o	3 59 44.975	+3.1912	+ 4	+ 5 48 46.60	+10.031	— 10
153	[Erid. 174 G.]	5.57	A 5	4 2 59.103	+2.4725	+148	—27 49 32.96	+ 9.902	+107
152	*c* Persei	4.03	B 3 p	4 4 0.454	+4.3537	+ 33	+47 32 36.32	+ 9.685	— 32
154	o^1 Eridani	4.14	F 2	4 8 44.410	+2.9286	+ 8	— 7 0 11.73	+ 9.435	+ 82
155	α Horologii	3.83	K o	4 11 52.695	+1.9862	+ 20	—42 27 5.44	+ 8.890	—219
156	α Reticuli	3.36	G 5	4 13 35.681	+0.7697	+ 50	—62 38 1.21	+ 9.022	+ 47
157	[γ Doradus]	4.36	F 5	4 14 20.754	+1.5694	+ 89	—51 38 51.28	+ 9.088	+171
160	υ^4 Eridani	3.59	B 9	4 15 28.219	+2.2689	+ 37	—33 57 13.45	+ 8.816	— 12
159	[γ Tauri]	3.86	K o	4 16 8.903	+3.4138	+ 82	+15 28 28.06	+ 8.746	— 29

Nr. 145. Doppelstern, Größe der Komponenten: 5.0 und 8.2   Nr. 150. Größe: Max. 3.3, Min. 4.2

Mittlere Sternörter 1936.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
158	[54 Persei]	5.10	G 5	4 16 14.989	+3.8943	— 20	+34 24 50.01	+8.761	— 6
161	[Erid. 212 G.]	5.31	A 0	4 17 51.543	+2.6188	+ 36	—20 47 27.09	+8.656	+ 15
162	δ Tauri	3.93	K 0	4 19 14.466	+3.4596	+ 78	+17 23 37.92	+8.500	— 31
163	[η Reticuli]	5.18	K 0	4 21 11.526	+0.6468	+127	—63 32 17.47	+8.536	+160
166	[δ Mensae]	5.62	K 0 p	4 22 15.132	—4.0834	+100	—80 21 55.81	+8.364	+ 71
164	ε Tauri	3.63	K 0	4 24 52.613	+3.5030	+ 80	+19 2 24.11	+8.047	— 36
165	*[1 Camel. seq.]	5.42	B 1	4 26 57.151	+4.7494	+ 7	+53 46 25.75	+7.916	0
167	[δ Caeli]	5.16	B 3	4 28 52.378	+1.8365	— 6	—45 5 25.84	+7.745	— 17
168	α Tauri	1.06	K 5	4 32 14.744	+3.4422	+ 48	+16 22 55.73	+7.300	—189
171	α Doradus	3.47	A 0 p	4 32 36.798	+1.2971	+ 71	—55 10 35.58	+7.462	+ 3
170	[υ² Eridani]	3.88	K 0	4 33 3.654	+2.3317	— 46	—30 41 32.02	+7.417	— 6
169	ν Eridani	4.12	B 2	4 33 7.191	+2.9977	+ 2	— 3 28 55.25	+7.413	— 4
172	53 Eridani	3.98	K 0	4 35 14.877	+2.7470	— 54	—14 25 40.86	+7.080	—164
174	τ Tauri	4.33	B 5	4 38 24.079	+3.6009	+ 5	+22 50 8.58	+6.968	— 19
173	Grb 848	6.04	F 0	4 40 11.138	+8.0576	+104	+75 49 41.95	+6.707	—134
176	[μ Eridani]	4.18	B 5	4 42 18.079	+3.0001	+ 13	— 3 22 14.27	+6.654	— 12
175	4 Camelop.	5.35	A 2	4 42 39.797	+4.9946	+ 60	+56 38 44.73	+6.490	—146
177	[μ Mensae]	5.69	B 9	4 43 41.704	—0.6030	+ 17	—71 2 55.23	+6.579	+ 28
178	9 Camelop.	4.38	B 0	4 47 40.384	+5.9586	+ 5	+66 14 12.24	+6.231	+ 10
179	[π⁴ Orionis]	3.78	B 3	4 47 47.746	+3.1952	0	+ 5 29 49.11	+6.204	— 7
180	π⁵ Orionis	3.87	B 3	4 50 54.964	+3.1249	— 2	+ 2 20 13.98	+5.948	— 3
181	ι Aurigae	2.90	K 2	4 52 49.371	+3.9069	+ 10	+33 3 59.50	+5.771	— 20
183	*ε Aurigae	var.	F 5 p	4 57 22.331	+4.3045	+ 6	+43 43 49.62	+5.396	— 14
182	10 Camelop.	4.22	G 0 p	4 57 42.984	+5.3344	— 1	+60 21 4.28	+5.369	— 12
184	ι Tauri	4.70	A 5	4 59 16.109	+3.5864	+ 53	+21 30 0.66	+5.207	— 43
185	η Aurigae	3.28	B 3	5 2 1.396	+4.2069	+ 33	+41 8 59.33	+4.945	— 71
186	ε Leporis	3.29	K 5	5 2 45.078	+2.5398	+ 20	—22 27 20.86	+4.887	— 68
187	[η² Pictoris]	4.92	K 5	5 3 18.271	+1.5508	+ 35	—49 39 49.09	+4.914	+ 6
189	[ζ Doradus]	4.76	F 8	5 4 24.529	+1.0252	— 70	—57 33 35.25	+4.918	+103
188	β Eridani	2.92	A 3	5 4 42.158	+2.9497	— 59	— 5 10 4.14	+4.710	— 79
190	[λ Eridani]	4.34	B 2	5 6 4.974	+2.8713	+ 3	— 8 50 5.44	+4.668	— 4
192	μ Aurigae	4.78	A 3	5 9 2.748	+4.1051	— 13	+38 24 37.95	+4.341	— 79
194	β Orionis	0.34	B 8 p	5 11 27.664	+2.8832	+ 2	— 8 16 27.26	+4.213	0
193	α Aurigae	0.21	G 0	5 11 57.471	+4.4318	+ 84	+45 56 5.81	+3.743	—428
191	19 H. Camelop.	5.16	F 8	5 11 58.182	+9.8693	—309	+79 9 44.20	+4.331	+161
196	ϑ Doradus	4.78	K 0	5 13 48.085	—0.0487	+ 15	—67 15 26.29	+4.052	+ 39
195	[τ Orionis]	3.68	B 5	5 14 29.868	+2.9130	— 12	— 6 54 43.96	+3.946	— 7
197	[ο Columbae]	4.91	K 0	5 15 10.493	+2.1629	+ 62	—34 57 23.92	+3.567	—329
198	[Columb. 12 G.]	5.75	A 0	5 16 50.638	+2.3924	+ 8	—27 26 0.95	+3.741	— 11
199	[ζ Pictoris]	5.52	F 8	5 17 47.790	+1.4704	+ 9	—50 40 26.60	+3.897	+227

Nr. 165. Doppelstern, Größe der Komponenten: 5.86 und 6.61

Nr. 183. Größe: Max. 3.4, Min. 4.1

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
200	[η Orion. med.]	3.44	B 1	5 21 15.525	+3.0170	+ 5	− 2 27 16.50	+3.373	+ 1
201	γ Orionis	1.70	B 2	5 21 41.849	+3.2180	− 3	+ 6 17 35.09	+3.314	− 20
202	β Tauri	1.78	B 8	5 22 14.684	+3.7929	+ 25	+28 33 18.56	+3.110	−177
203	17 Camelop.	5.75	K 5	5 24 7.154	+5.6650	− 3	+63 0 59.17	+3.124	− 1
204	[β Leporis]	2.96	G 0	5 25 30.192	+2.5713	+ 4	−20 48 33.72	+2.913	− 93
206	δ Orionis	2.48 6.87	B 0	5 28 44.152	+3.0650	0	− 0 20 42.32	+2.724	− 2
207	α Leporis	2.69	F 0	5 29 54.408	+2.6462	+ 2	−17 52 0.80	+2.627	+ 2
205	Grb 966	6.36	K 5	5 31 9.327	+8.0215	− 8	+75 0 18.64	+2.536	+ 20
208	[φ¹ Orionis]	4.53	B 0	5 31 18.359	+3.2935	− 1	+ 9 26 51.58	+2.493	− 10
209	ι Orionis	2.87	Oe 5	5 32 18.118	+2.9352	+ 4	− 5 57 2.26	+2.412	− 4
210	ε Orionis	1.75	B 0	5 32 57.906	+3.0443	+ 1	− 1 14 29.06	+2.356	− 3
212	β Doradus	3.81	F 5 p	5 33 4.021	+0.5190	− 13	−62 31 53.45	+2.348	− 2
211	ζ Tauri	3.00	B 3 p	5 33 49.135	+3.5860	+ 6	+21 6 18.49	+2.259	− 26
214	[γ Mensae]	5.06	K 0	5 34 24.395	−2.3823	+285	−76 23 15.25	+2.532	+298
213	[σ Orionis]	3.78	B 0	5 35 31.943	+3.0119	0	− 2 38 8.23	+2.135	− 1
215	α Columbae	2.75	B 5 p	5 37 19.818	+2.1723	− 2	−34 6 26.59	+1.942	− 37
216	ο Aurigae	5.52	A 0	5 40 56.452	+4.6482	− 6	+49 48 1.39	+1.656	− 9
217	[γ Leporis]	3.80	F 8	5 41 47.737	+2.5020	−201	−22 28 5.43	+1.215	−375
218	[130 Tauri]	5.51	F 0	5 43 42.284	+3.4989	+ 4	+17 42 24.50	+1.418	− 6
219	ζ Leporis	3.67	A 2	5 44 3.295	+2.7185	− 12	−14 50 40.31	+1.392	− 2
220	κ Orionis	2.20	B 0	5 44 43.243	+2.8457	+ 4	− 9 41 27.72	+1.332	− 3
221	[ν Aurigae]	4.18	K 0	5 47 3.178	+4.1580	− 4	+39 7 54.36	+1.143	+ 11
222	[δ Leporis]	3.90	K 0	5 48 34.120	+2.5803	+164	−20 53 0.23	+0.346	−653
223	[β Columbae]	3.22	K 0	5 48 42.123	+2.1142	+ 34	−35 47 28.84	+1.391	+404
224	α Orionis	0.92	M a	5 51 42.387	+3.2484	+ 20	+ 7 23 48.27	+0.738	+ 13
226	[η Leporis]	3.77	F 0	5 53 29.379	+2.7329	− 27	−14 10 41.14	+0.709	+140
225	δ Aurigae	3.88	K 0	5 54 15.433	+4.9408	+100	+54 16 55.85	+0.380	−122
227	β Aurigae	2.07	A 0 p	5 54 50.066	+4.4020	− 42	+44 56 34.57	+0.444	− 8
228	ϑ Aurigae	2.71	A 0 p	5 55 21.435	+4.0923	+ 49	+37 12 35.78	+0.319	− 87
229	η Columbae	4.03	K 0	5 57 11.263	+1.8371	+ 22	−42 49 5.20	+0.212	− 34
230	[66 Orionis]	5.70	K 0	6 1 35.429	+3.1697	− 6	+ 4 9 49.03	−0.154	− 15
231	[Puppis 1 G.]	6.22	F 8	6 2 37.874	+1.7269	− 83	−45 2 8.28	+0.002	+232
232	ν Orionis	4.40	B 2	6 3 55.090	+3.4265	+ 11	+14 46 39.25	−0.374	− 31
233	[36 Camelop.]	5.39	K 0	6 6 24.726	+6.0355	− 5	+65 44 2.42	−0.590	− 29
235	[δ Pictoris]	4.84	B 1	6 9 3.026	+1.1671	− 22	−54 57 14.23	−0.799	− 7
236	*η Geminor.	var.	M a	6 11 0.891	+3.6224	− 42	+22 31 37.49	−0.976	− 13
234	22 H. Camelop.	4.73	A 0	6 11 47.887	+6.6146	+ 15	+69 20 44.05	−1.134	−102
239	[α Mensae]	5.14	K 0	6 12 8.572	−1.7921	+233	−74 43 55.48	−1.288	−227
237	[2 Lyncis]	4.42	A 0	6 13 58.703	+5.2954	− 7	+59 2 12.02	−1.192	+ 29
238	[κ Columbae]	4.51	K 0	6 14 16.483	+2.1345	− 6	−35 7 6.05	−1.174	+ 74

Nr. 236. Größe: Max. 3.3, Min. 4.2

Mittlere Sternörter 1936.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
240	ζ Canis maj.	3.10	B 3	6 17 51.329	+ 2.3030	+ 2	−30 2 1.70	−1.556	+ 4
241	μ Geminor.	3.19	M a	6 19 5.370	+ 3.6307	+ 48	+22 32 53.46	−1.779	− 111
243	β Canis maj.	1.99	B 1	6 19 52.849	+ 2.6420	− 4	−17 55 22.31	−1.735	+ 2
242	ψ^1 Aurigae	5.10	K 2	6 19 58.291	+ 4.6228	+ 9	+49 19 21.95	−1.748	− 3
244	8 Monocer.	4.48 6.54	A 5	6 20 22.630	+ 3.1800	− 7	+ 4 37 36.40	−1.776	+ 4
245	α Argus	−0.86	F 0	6 22 31.791	+ 1.3315	+ 16	−52 39 36.53	−1.956	+ 11
246	10 Monocer.	4.98	B 3	6 24 47.957	+ 2.9631	− 2	− 4 43 16.18	−2.159	+ 5
247	8 Lyncis	6.05	G 0	6 31 50.779	+ 5.4859	−285	+61 32 23.93	−3.053	− 276
249	ξ^2 Canis maj.	4.54	A 0	6 32 22.413	+ 2.5144	+ 5	−22 54 46.59	−2.809	+ 13
251	γ Geminor.	1.93	A 0	6 34 0.933	+ 3.4668	+ 34	+16 27 19.80	−3.010	− 46
250	51 Aurigae	5.71	K 0	6 34 13.557	+ 4.1584	− 19	+39 26 56.93	−3.097	− 114
248	23 H. Camelop.	5.60	F 8	6 35 20.838	+10.2644	−301	+79 38 18.35	−3.701	− 622
252	ν Argus	3.18	B 8	6 35 48.149	+ 1.8357	− 4	−43 8 20.96	−3.139	− 20
253	**S* Monocer.	4.68	Oe 5	6 37 27.261	+ 3.3050	+ 6	+ 9 57 23.32	−3.266	− 5
254	ε Geminor.	3.18	G 5	6 39 59.775	+ 3.6925	+ 3	+25 11 46.39	−3.495	− 15
256	ξ Geminor.	3.40	F 5	6 41 41.897	+ 3.3681	− 75	+12 57 57.91	−3.826	− 199
255	[ψ^5 Aurigae]	5.34	G 0	6 42 7.770	+ 4.3266	+ 7	+43 38 34.80	−3.510	+ 154
257	*α Canis maj.	−1.58	A 0	6 42 19.766	+ 2.6436	−371	−16 37 37.66	−4.892	−1211
258	18 Monocer.	4.70	K 0	6 44 31.494	+ 3.1297	− 2	+ 2 29 0.73	−3.889	− 20
264	[ζ Mensae]	5.64	A 2	6 45 24.348	− 4.9729	− 33	−80 44 52.57	−3.861	+ 85
259	[43 Camelop.]	5.13	B 5	6 46 48.943	+ 6.4772	+ 16	+68 57 56.24	−4.063	+ 3
262	α Pictoris	3.30	A 5	6 47 32.171	+ 0.6170	− 99	−61 52 20.62	−3.872	+ 256
263	[τ Argus]	2.83	K 0	6 48 20.865	+ 1.4887	+ 29	−50 32 16.78	−4.293	− 96
261	ϑ Geminor.	3.64	A 2	6 48 34.403	+ 3.9562	+ 7	+34 2 24.61	−4.271	− 55
260	[24 H. Camel.]	4.75	K 5	6 50 45.722	+ 8.7696	+216	+77 3 46.54	−4.417	− 14
266	ϑ Canis maj.	4.25	K 2	6 51 12.990	+ 2.7877	− 94	−11 57 25.82	−4.455	− 13
265	15 Lyncis	4.54	G 0	6 51 44.477	+ 5.1989	− 1	+58 30 32.64	−4.617	− 130
267	[ι Volantis]	5.52	B 8	6 52 11.286	− 0.6833	− 4	−70 53 2.59	−4.513	+ 12
268	ε Canis maj.	1.63	B 1	6 56 6.586	+ 2.3578	0	−28 53 2.02	−4.857	+ 1
269	*ζ Geminor.	var.	G 0 p	7 0 18.891	+ 3.5596	0	+20 39 56.96	−5.217	− 3
270	[o^2 Canis maj.]	3.12	B 5 p	7 0 21.115	+ 2.5054	− 2	−23 44 19.20	−5.217	0
271	γ Canis maj.	4.07	B 5	7 0 51.819	+ 2.7153	+ 8	−15 32 15.08	−5.273	− 12
272	[Carinae 27 G.]	5.30	A 0	7 3 6.652	+ 1.1165	− 24	−56 39 7.47	−5.457	− 7
273	δ Canis maj.	1.98	F 8 p	7 5 47.297	+ 2.4391	− 8	−26 17 25.74	−5.672	+ 3
274	63 Aurigae	5.07	K 2	7 7 15.430	+ 4.1292	+ 45	+39 25 36.57	−5.798	0
275	[*J* Puppis]	4.47	F 0	7 10 44.066	+ 1.7096	−147	−46 39 6.31	−5.998	+ 91
276	[64 Aurigae]	5.75	A 3	7 13 35.494	+ 4.1748	− 3	+40 59 55.53	−6.323	+ 3
277	λ Geminor.	3.65	A 2	7 14 24.994	+ 3.4488	− 31	+16 39 26.32	−6.438	− 44
278	π Argus	2.74	K 5	7 14 52.891	+ 2.1186	− 14	−36 58 53.88	−6.430	+ 3
279	δ Geminor.	3.51	F 0	7 16 18.195	+ 3.5848	− 11	+22 6 6.69	−6.561	− 10

Nr. 253. Doppelstern, Größe der Komponenten: 6.0 und 8.8. Nr. 257. Ort des Schwerpunktes. Die Reduktion auf den Hauptstern ist nach den Elementen von Auwers A. N. 3085

1936.0 $\Delta\alpha = -0^s.076$ $\Delta\delta = -2''.05$
1937.0 $= -0\ .057$ $= -1\ .92$

Nr. 269. Größe: Max. 3.7, Min. 4.3

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
281	δ Volantis	4.02	F 5	7 16 52.209	−0.0247	+ 4	−67 50 24.90	− 6.610	− 12
280	19 Lyncis seq.	5.61	B 8	7 17 39.210	+4.9001	− 1	+55 24 14.89	− 6.697	− 34
283	[η Can. maj.]	2.43	B 5 p	7 21 33.798	+2.3732	− 5	−29 10 37.30	− 6.971	+ 13
282	ι Geminor.	3.89	K 0	7 21 45.302	+3.7284	− 83	+27 55 37.13	− 7.085	− 85
285	β Canis min.	3.09	B 8	7 23 40.887	+3.2546	− 31	+ 8 25 11.03	− 7.198	− 40
284	Grb 1308	5.80	K 0	7 24 14.353	+6.2541	− 7	+68 35 56.73	− 7.247	− 44
286	ρ Geminor.	4.18	F 0	7 24 59.896	+3.8608	+122	+31 54 48.96	− 7.082	+ 183
287	*α-Geminor.	2.85 1.99	A 0	7 30 31.111	+3.8318	−129	+32 1 51.90	− 7.793	− 81
288	[Pupp. 108 G.]	4.52	F 8	7 31 18.765	+2.5676	− 39	−22 9 25.51	− 7.758	+ 18
289	25 Monocer.	5.17	F 5	7 34 5.807	+2.9833	− 47	− 3 58 0.29	− 7.980	+ 20
290	[f Puppis]	4.62	B 8	7 34 59.966	+2.2195	− 27	−34 49 24.77	− 8.056	+ 16
291	*α Canis min.	0.48	F 5	7 35 57.173	+3.1412	−470	+ 5 23 25.51	− 9.176	−1027
292	24 Lyncis	4.96	A 2	7 37 36.204	+5.0826	− 47	+58 51 44.23	− 8.334	− 53
293	[26 Monocer.]	4.07	K 0	7 38 11.351	+2.8661	− 57	− 9 24 2.16	− 8.348	− 21
294	κ Geminor.	3.68	G 5	7 40 35.236	+3.6241	− 15	+24 33 10.96	− 8.572	− 54
295	β Geminor.	1.21	K 0	7 41 24.185	+3.6732	−468	+28 10 56.46	− 8.634	− 52
297	ζ Volantis	3.89	K 0	7 42 36.963	−0.7355	+ 8	−72 27 9.85	− 8.670	+ 8
296	π Geminor.	5.29	K 2	7 43 23.084	+3.8712	− 1	+33 34 27.91	− 8.769	− 31
298	[Pupp. 205 G.]	5.34	G 0	7 48 48.516	+2.7786	− 41	−13 43 37.37	− 9.505	− 343
301	[α Puppis]	3.76	G 5	7 50 0.975	+2.0621	− 18	−40 24 35.42	− 9.255	+ 1
299	[26 Lyncis]	5.69	K 0	7 50 3.580	+4.3729	− 40	+47 43 56.21	− 9.266	− 6
300	Grb 1374	5.56	K 0	7 52 34.414	+7.2041	− 31	+74 5 31.01	− 9.487	− 32
303	χ Argus	3.60	B 3	7 55 9.162	+1.5264	− 32	−52 48 35.55	− 9.629	+ 24
302	[53 Camelop.]	6.00	A 2 p	7 56 15.444	+5.1345	− 30	+60 30 5.35	− 9.759	− 21
304	[27 Monocer.]	5.06	K 0	7 56 32.427	+2.9989	− 27	− 3 30 13.25	− 9.750	+ 9
305	χ Geminor.	5.04	K 0	7 59 35.491	+3.6868	− 15	+27 58 30.98	−10.037	− 46
306	ζ Argus	2.27	O d	8 1 20.014	+2.1079	− 34	−39 49 19.19	−10.112	+ 10
307	27 Lyncis	4.87	A 2	8 3 39.191	+4.5184	− 59	+51 41 34.81	−10.302	− 4
308	ι Navis	2.88	F 5	8 4 49.073	+2.5549	− 64	−24 7 7.59	−10.338	+ 47
309	γ Argus	2.22	O a p	8 7 33.573	+1.8488	− 12	−47 8 50.26	−10.593	− 4
311	20 Navis	5.05	G 5	8 10 23.493	+2.7580	− 8	−15 35 39.52	−10.804	− 6
310	Br 1147	5.73	G 5	8 11 33.163	+7.5644	+ 58	+75 57 19.09	−10.868	+ 17
312	β Cancri	3.76	K 2	8 13 2.788	+3.2547	− 30	+ 9 23 2.64	−11.045	− 52
313	[q Puppis]	4.43	A 5	8 16 9.463	+2.2445	−104	−36 27 36.45	−11.131	+ 89
314	31 Lyncis	4.43	K 5	8 18 27.726	+4.1119	− 8	+43 23 41.72	−11.494	− 108
315	ε Argus	1.74	K 0 + B	8 21 12.192	+1.2329	− 32	−59 18 10.64	−11.568	+ 15
316	Br 1197	3.95	A 0	8 22 27.829	+2.9987	− 41	− 3 41 47.11	−11.693	− 21
318	ϑ Chamael.	4.26	K 0	8 22 35.513	−1.7829	−458	−77 16 43.45	−11.651	+ 31
317	ο Ursae maj.	3.47	G 0	8 24 57.881	+4.9946	−174	+60 56 2.49	−11.960	− 110
319	[β Volantis]	3.65	K 0	8 25 2.803	+0.6562	− 55	−65 55 23.61	−12.032	− 177

Nr. 287. Rektaszension der Mitte, Deklination des folgenden, helleren Sterns. Nr. 291. Ort des Schwerpunktes. Die Reduktion auf den Ort des hellen Sterns beträgt nach den Elementen von Auwers A. N. 3929

1936.0 $\Delta\alpha = +0^s.065$ $\Delta\delta = -0''.38$

1937.0 $= +0^s.061$ $= -0''.48$

Mittlere Sternörter 1936.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
320	Grb 1450	6.05	K 0	8 28 45.747	+3.9035	— 83	+38 14 14.60	—12.286	—170
321	η Cancri	5.52	K 0	8 29 0.689	+3.4715	— 26	+20 39 35.49	—12.183	— 50
322	[Grb 1446]	6.29	K 0	8 32 38.332	+6.6990	— 37	+73 51 21.13	—12.489	—104
323	[Grb 1460]	6.03	K 0	8 34 33.772	+4.4511	— 38	+52 56 14.87	—12.551	— 35
324	[*e* Velorum]	4.13	A 5	8 35 23.515	+2.1083	— 22	—42 45 52.35	—12.580	— 7
325	[6 Hydrae]	5.15	K 2	8 36 59.516	+2.8420	— 64	—12 14 53.04	—12.684	— 3
327	α Pyxidis	3.70	B 2	8 41 1.179	+2.4104	— 15	—32 57 17.04	—12.940	+ 12
326	δ Cancri	4.17	K 0	8 41 3.084	+3.4111	— 9	+18 23 26.54	—13.190	—236
328	ι Cancri	6.61 4.20	A 5 G 5	8 42 49.768	+3.6332	— 12	+28 59 43.06	—13.119	— 47
330	δ Argus	2.01	A 0	8 42 56.202	+1.6570	+ 21	—54 28 24.69	—13.173	— 93
329	[ε Hydrae]	3.48	F 8	8 43 23.335	+3.1784	— 126	+ 6 39 17.29	—13.160	— 50
331	[η Chamael.]	5.62	B 9	8 43 32.580	—2.0123	— 151	—78 43 53.72	—13.086	+ 34
332	[γ Pyxidis]	4.19	K 2	8 47 48.921	+2.5464	— 99	—27 28 17.21	—13.306	+ 94
333	[σ²Cancri med.]	5.60	K 0	8 50 20.708	+3.6631	+ 31	+30 49 22.76	—13.590	— 26
334	ζ Hydrae	3.30	K 0	8 52 0.762	+3.1725	— 64	+ 6 11 24.84	—13.659	+ 12
336	*c* Carinae	3.98	B 8	8 53 35.954	+1.3614	— 26	—60 23 57.63	—13.720	+ 52
335	ι Ursae maj.	3.12	A 5	8 54 50.181	+4.1132	— 437	+48 17 39.06	—14.097	—246
337	α Cancri	4.27	A 3	8 54 59.381	+3.2827	+ 26	+12 6 23.71	—13.895	— 35
339	10 Ursae maj.	4.09	F 5	8 56 29.658	+3.8995	— 383	+42 2 14.42	—14.218	—264
338	[ρ Ursae maj.]	4.99	M a	8 56 48.206	+5.4265	— 34	+67 52 51.01	—13.960	+ 15
341	κ Ursae maj.	3.68	A 0	8 59 15.982	+4.1015	— 27	+47 24 39.35	—14.192	— 65
340	[Grb 1501]	5.68	A 2	8 59 19.851	+4.4026	— 8	+54 32 15.41	—14.129	+ 3
343	α Volantis	4.18	A 5	9 1 26.459	+0.9494	— 8	—66 8 25.66	—14.376	—114
342	[*c* Velorum]	3.69	K 0	9 1 56.656	+2.0669	— 70	—46 50 32.62	—14.321	— 28
344	σ² Ursae maj.	4.87	F 8	9 4 47.365	+5.2929	— 17	+67 23 46.40	—14.534	— 67
345	λ Argus	2.22	K 5	9 5 38.371	+2.2053	— 33	—43 10 24.34	—14.509	+ 9
346	[36 Lyncis]	5.30	B 8	9 9 37.624	+3.9289	— 18	+43 28 57.97	—14.798	— 42
347	ϑ Hydrae	3.84	A 0	9 11 2.180	+3.1224	+ 89	+ 2 35 6.94	—15.152	—313
348	β Argus	1.80	A 0	9 12 30.346	+0.6630	— 304	—69 27 12.23	—14.828	+ 97
349	[38 Lyncis]	3.82	A 2	9 14 52.151	+3.7373	— 18	+37 4 28.47	—15.191	—129
351	[ι Argus]	2.25	F 0	9 15 22.579	+1.6056	— 35	—59 0 22.29	—15.090	+ 2
350	*83 Cancri	6.60	F 5	9 15 24.779	+3.3503	— 80	+17 58 39.63	—15.229	—135
352	40 Lyncis	3.30	K 5	9 17 9.748	+3.6579	— 178	+34 39 51.42	—15.182	+ 12
353	κ Argus	2.63	B 3	9 20 7.801	+1.8569	— 22	—54 44 12.39	—15.360	+ 2
354	α Hydrae	2.16	K 2	9 24 26.587	+2.9487	— 7	— 8 22 49.01	—15.569	+ 32
355	*h* Ursae maj.	3.75	F 0	9 26 30.381	+4.7422	+ 167	+63 20 35.18	—15.686	+ 28
356	[ε Antliae]	4.64	K 2	9 26 36.118	+2.4754	— 25	—35 40 14.95	—15.733	— 14
359	ψ Argus	3.64	F 5	9 28 10.622	+2.3616	— 172	—40 11 8.61	—15.730	+ 74
358	ϑ Ursae maj.	3.26	F 8 p	9 28 35.359	+4.0187	—1027	+51 58 12.41	—16.371	—545
357	*d* Ursae maj.	4.57	G 0	9 28 51.566	+5.3244	— 119	+70 6 47.53	—15.766	+ 75

Nr. 350. Größe aus Harvard 54 entnommen.

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
361	[*N* Velorum]	3.04	K 5	9 29 16.636	+1.8235	— 36	—56 45 5.01	—15.862	+ 1
360	10 Leon. min.	4.62	G 5	9 30 18.603	+3.6791	+ 13	+36 40 58.02	—15.944	— 26
362	[H. Carinae]	5.52	K 2	9 31 8.265	+0.4566	— 61	—72 47 49.26	—15.979	— 17
363	[Grb 1564]	5.74	K o	9 36 48.159	+5.1538	—131	+69 31 48.72	—16.331	— 73
364	[κ Hydrae]	4.96	B 3	9 37 14.280	+2.8762	— 18	—14 2 27.47	—16.290	— 11
365	[o Leonis]	3.76	F 5 + A 3	9 37 44.248	+3.2032	— 94	+10 11 3.86	—16.342	— 37
366	ϑ Antliae	4.98	F 5 p	9 41 20.845	+2.6738	— 40	—27 28 32.50	—16.451	+ 35
367	ε Leonis	3.12	G o p	9 42 13.377	+3.4075	— 31	+24 4 11.32	—16.547	— 17
369	υ Argus	3.15 6.03	F o	9 45 30.184	+1.5002	— 21	—64 46 28.97	—16.692	— 1
368	υ Ursae maj.	3.89	F o	9 46 27.416	+4.2755	—379	+59 20 27.27	—16.890	—153
370	6 Sextantis	6.00	A 2	9 48 0.576	+3.0236	+ 8	— 3 56 33.51	—16.841	— 30
371	[μ Leonis]	4.10	K o	9 49 7.699	+3.4139	—162	+26 18 33.47	—16.920	— 56
373	[Hydrae 183 G.]	5.16	M a	9 51 51.100	+2.8305	— 25	—18 42 20.89	—17.057	— 66
372	Grb 1586	5.96	K o	9 52 42.353	+5.3867	—179	+73 11 6.29	—17.076	— 45
374	[19 Leon. min.]	5.19	F 5	9 53 46.395	+3.6787	—100	+41 21 40.74	—17.107	— 27
375	[φ Argus]	3.70	B 5	9 54 36.781	+2.1049	— 21	—54 15 45.43	—17.121	— 2
377	[η Antliae]	5.25	F o	9 56 7.356	+2.5727	— 83	—35 35 2.46	—17.211	— 24
376	[12 Sextantis]	6.63	A 5	9 56 23.978	+3.1125	— 47	+ 3 41 29.76	—17.172	+ 27
378	π Leonis	4.89	M a	9 56 50.010	+3.1713	— 21	+ 8 21 7.41	—17.243	— 25
379	η Leonis	3.58	A o p	10 3 50.787	+3.2720	— 2	+17 4 31.70	—17.530	— 6
380	α Leonis	1.34	B 8	10 4 57.971	+3.1963	—167	+12 16 50.40	—17.572	— 1
381	λ Hydrae	3.83	K o	10 7 28.088	+2.9253	—134	—12 2 13.25	—17.763	— 87
382	*q* Velorum	4.09	A 2	10 12 2.678	+2.5153	—154	—41 48 15.28	—17.816	+ 45
385	[ω Argus]	3.56	B 8	10 12 13.313	+1.4315	— 29	—69 43 11.19	—17.868	0
384	ζ Leonis	3.65	F o	10 13 8.103	+3.3387	+ 15	+23 44 13.21	—17.911	— 7
383	λ Ursae maj.	3.52	A 2	10 13 14.752	+3.6225	—148	+43 14 4.70	—17.957	— 49
386	μ Ursae maj.	3.21	K 5	10 18 31.489	+3.5783	— 70	+41 49 19.21	—18.087	+ 24
387	30 H. Urs. maj.	4.92	A o	10 19 32.417	+4.3378	— 25	+65 53 27.51	—18.167	— 18
388	[25 Sextantis]	6.10	B 9	10 20 12.395	+3.0321	— 40	— 3 45 0.24	—18.176	— 2
389	μ Hydrae	4.06	K 5	10 22 59.678	+2.9018	— 85	—16 30 32.49	—18.357	— 82
391	*J* Carinae	4.08	F 5	10 23 7.666	+1.1911	— 67	—73 42 19.45	—18.297	— 17
390	31 Leon. min.	4.41	K o	10 24 11.388	+3.4728	— 96	+37 2 9.01	—18.424	—106
392	Lac. α Antliae	4.42	K 5	10 24 13.243	+2.7442	— 62	—30 44 28.96	—18.309	+ 10
393	*s* Carinae	4.08	F o	10 25 31.472	+2.1992	— 32	—58 24 44.17	—18.379	— 14
394	36 Ursae maj.	4.84	F 5	10 26 32.720	+3.8463	—216	+56 18 34.09	—18.433	— 33
396	[ρ Leonis]	3.85	B o p	10 29 26.591	+3.1598	— 6	+ 9 38 11.45	—18.504	— 5
395	9 H. Dracon.	5.04	G 5	10 29 42.545	+5.1274	— 96	+76 2 36.95	—18.513	— 4
397	[*p* Carinae]	3.58	B 5 p	10 29 44.740	+2.1325	— 18	—61 21 20.38	—18.504	+ 5
399	[44 Hydrae]	5.32	K 2	10 30 58.165	+2.8536	— 2	—23 24 53.44	—18.530	+ 21
398	[37 Ursae maj.]	5.16	F o	10 31 3.278	+3.8723	+ 83	+57 24 46.60	—18.518	+ 36

Mittlere Sternörter 1936.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
400	*[*p* Velorum]	4.06	F 2 + A 3	10 34 36.293	+2.5164	−183	−47 53 34.61	−18.702	− 33
401	[γ Chamael.]	4.10	M a	10 34 43.763	+0.7206	−116	−78 16 31.58	−18.642	+ 30
402	[*x* Velorum]	4.37	G 0	10 36 44.997	+2.3805	− 75	−55 16 11.25	−18.757	− 21
404	33 Sextantis	6.40	K 0	10 38 8.870	+3.0522	− 94	− 1 24 16.76	−18.904	−125
403	[35 H.Urs. maj.]	5.23	K 0	10 38 30.790	+4.3095	− 19	+69 24 41.72	−18.808	− 18
405	[41 Leon. min.]	5.05	A 2	10 39 56.429	+3.2640	− 80	+23 31 26.73	−18.821	+ 13
406	ϑ Argus	3.03	B 0	10 40 40.155	+2.1384	− 26	−64 3 31.51	−18.851	+ 4
407	42 Leon. min.	5.37	B 9	10 42 18.716	+3.3387	− 15	+31 1 11.84	−18.941	− 37
408	μ Argus	2.84	G 5	10 44 0.608	+2.5761	+ 49	−49 4 54.31	−19.017	− 65
411	[δ² Chamael.]	4.62	B 3	10 45 12.520	+0.5803	−120	−80 12 8.71	−18.977	+ 9
409	*l* Leonis	5.27	A 0	10 45 53.713	+3.1544	− 3	+10 53 3.40	−19.036	− 30
410	[ν Hydrae]	3.32	K 0	10 46 27.951	+2.9599	+ 66	−15 51 30.08	−18.826	+194
412	[46 Leon. min.]	3.92	K 0	10 49 44.337	+3.3583	+ 75	+34 33 37.37	−19.391	−282
414	[ι Antliae]	4.70	K 0	10 53 43.883	+2.7942	+ 62	−36 47 36.31	−19.349	−137
413	[Br 1508]	6.26	G 5	10 54 53.477	+4.8266	−257	+78 6 49.11	−19.267	− 26
415	*i* Velorum	4.56	A 2	10 57 12.814	+2.7508	+ 20	−41 52 56.33	−19.300	− 4
416	β Ursae maj.	2.44	A 0	10 57 59.596	+3.6273	+101	+56 43 33.02	−19.288	+ 26
417	α Ursae maj.	1.95	K 0	10 59 47.714	+3.7109	−174	+62 5 48.70	−19.428	− 72
418	χ Leonis	4.66	F 0	11 1 43.029	+3.0953	−231	+ 7 40 56.69	−19.445	− 46
419	[χ Hydrae]	5.06	F 5	11 2 14.665	+2.8882	−154	−26 56 52.23	−19.417	− 7
420	ψ Ursae maj.	3.15	K 0	11 6 4.432	+3.3771	− 57	+44 50 45.74	−19.527	− 36
421	β Crateris	4.52	A 2	11 8 30.463	+2.9498	0	−22 28 33.73	−19.638	− 98
422	δ Leonis	2.58	A 3	11 10 42.481	+3.1924	+106	+20 52 28.64	−19.718	−136
423	ϑ Leonis	3.41	A 0	11 10 53.033	+3.1490	− 43	+15 46 46.87	−19.667	− 81
424	[Grb 1757]	5.97	K 0	11 13 5.986	+3.3849	− 97	+49 49 32.61	−19.648	− 22
425	ν Ursae maj.	3.71	K 0	11 15 1.659	+3.2435	− 16	+33 26 37.49	−19.637	+ 22
426	δ Crateris	3.82	K 0	11 16 8.341	+2.9988	− 88	−14 25 55.13	−19.478	+200
427	σ Leonis	4.13	A 0	11 17 50.242	+3.0941	− 62	+ 6 22 49.33	−19.718	− 12
428	π Centauri	4.26	B 5	11 18 4.863	+2.7326	− 41	−54 8 24.27	−19.723	− 13
429	Grb 1771	5.98	A 0	11 19 4.194	+3.5737	− 10	+64 40 51.81	−19.691	+ 34
430	[ι Leonis]	4.03	F 5	11 20 35.346	+3.1276	+106	+10 52 54.80	−19.832	− 84
431	[γ Crateris]	4.14	A 5	11 21 40.938	+2.9964	− 72	−17 19 55.79	−19.758	+ 7
432	[58 Ursae maj.]	5.88	F 8	11 27 3.791	+3.2504	− 43	+43 31 28.75	−19.765	+ 72
433	λ Draconis	4.06	M a	11 27 37.657	+3.5732	− 79	+69 41 4.12	−19.866	− 21
434	ξ Hydrae	3.72	G 5	11 29 50.972	+2.9488	−167	−31 30 12.00	−19.913	− 43
435	[*C*² Centauri]	5.42	F 0	11 32 48.954	+2.9030	+ 13	−47 17 11.40	−19.950	− 47
436	λ Centauri	3.34	B 9	11 32 49.120	+2.7613	− 58	−62 39 56.16	−19.920	− 17
437	υ Leonis	4.47	K 0	11 33 40.304	+3.0718	+ 1	− 0 28 13.16	−19.876	+ 36
438	[π Chamael.]	5.74	F 0	11 34 36.691	+2.4720	−280	−75 32 31.54	−19.926	− 5
439	[ο Hydrae]	4.88	B 8	11 37 1.804	+2.9785	− 30	−34 23 23.25	−19.942	+ 1

Nr. 400, Doppelstern, Größe der Komponenten: 4.5 und 5.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
440	3 Draconis	5.48	K o	11 38 55.258	+3.3557	− 77	+67 5 57.49	−19.920	+ 40
442	[λ Muscae]	3.80	A 5	11 42 34.465	+2.8256	−153	−66 22 26.23	−19.966	+ 20
441	χ Ursae maj.	3.85	K o	11 42 40.745	+3.1723	−133	+48 8 3.38	−19.967	+ 20
443	[Centauri 65 G.]	4.22	G o	11 43 24.479	+2.8974	− 25	−60 49 21.49	−20.026	− 35
444	β Leonis	2.23	A 2	11 45 47.815	+3.0610	−341	+14 55 47.60	−20.123	−118
445	β Virginis	3.80	F 8	11 47 21.689	+3.1252	+494	+ 2 7 31.42	−20.290	−276
446	[B Centauri]	4.71	K o	11 47 56.112	+2.9920	−111	−44 49 3.64	−20.062	− 46
447	γ Ursae maj.	2.54	A o	11 50 28.424	+3.1603	+107	+54 3 1.90	−20.024	+ 2
448	[ε Chamael.]	5.05	B 9	11 56 25.069	+2.9596	−162	−77 51 55.60	−20.050	− 9
449	[Centauri 88 G.]	5.28	F o	12 0 20.139	+3.1015	+267	−42 4 32.72	−20.166	−122
450	o Virginis	4.24	G 5	12 1 56.984	+3.0564	−147	+ 9 5 17.87	−20.005	+ 38
451	[Grb 1852]	5.96	K o	12 2 1.491	+3.0643	+435	+77 15 48.83	−20.139	− 96
452	δ Centauri	2.88	B 3 p	12 5 1.923	+3.1040	− 44	−50 21 57.68	−20.057	− 18
453	ε Corvi	3.21	K o	12 6 49.768	+3.0842	− 51	−22 15 49.91	−20.024	+ 11
454	4 H. Draconis	5.12	A 5	12 9 13.453	+2.8229	+ 23	+77 58 18.58	−20.005	+ 23
455	[δ Crucis]	3.08	B 3	12 11 44.072	+3.1791	− 51	−58 23 35.38	−20.044	− 27
456	δ Ursae maj.	3.44	A 2	12 12 16.107	+2.9748	+135	+57 23 16.93	−20.012	+ 3
457	[γ Corvi]	2.78	B 8	12 12 30.699	+3.0843	−112	−17 11 12.18	−19.997	+ 17
458	[2 Can. ven.]	5.80	K 5	12 12 55.499	+3.0101	+ 26	+41 0 58.25	−20.057	− 45
459	β Chamael.	4.38	B 5	12 14 33.026	+3.4931	−144	−78 57 25.01	−19.991	+ 12
460	η Virginis	4.00	A o	12 16 37.849	+3.0693	− 42	− 0 18 40.64	−20.014	− 23
461	[6 Can. ven.]	5.22	K o	12 22 42.037	+2.9579	− 67	+39 22 24.64	−19.982	− 36
462	α Crucis med.	1.58 2.09	B 1	12 23 1.681	+3.3288	− 44	−62 44 42.13	−19.974	− 31
463	[Hydr. 323 G.]	5.68	A o	12 23 28.940	+3.1586	− 14	−32 28 32.54	−19.988	− 49
464	[σ Centauri]	4.16	B 3	12 24 34.134	+3.2391	− 36	−49 52 35.34	−19.961	− 33
466	20 Comae	5.72	A 2	12 26 30.484	+3.0156	+ 26	+21 15 0.88	−19.949	− 39
465	δ Corvi	3.11	A o	12 26 32.986	+3.1033	−145	−16 9 33.59	−20.052	−142
467	[74 Ursae maj.]	5.44	A 5	12 26 58.406	+2.8047	− 96	+58 45 27.56	−19.817	+ 88
468	[γ Crucis]	1.61	Mb	12 27 36.155	+3.3205	+ 26	−56 45 18.54	−20.176	−278
469	[γ Muscae]	4.04	B 5	12 28 37.249	+3.5705	− 82	−71 46 47.38	−19.909	− 22
470	8 Can. ven.	4.32	G o	12 30 42.497	+2.8515	−624	+41 42 17.57	−19.584	+280
472	κ Draconis	3.88	B 5 p	12 30 45.727	+2.5662	−117	+70 8 26.76	−19.856	+ 7
471	β Corvi	2.84	G 5	12 31 1.222	+3.1492	− 4	−23 2 35.07	−19.919	− 59
473	24 Comae seq.	5.18	K o	12 31 55.274	+3.0103	+ 2	+18 43 44.85	−19.831	+ 18
474	α Muscae	2.94	B 3	12 33 20.803	+3.5665	− 56	−68 47 0.03	−19.864	− 32
475	[χ Virginis]	4.78	K o	12 35 56.473	+3.0961	− 49	− 7 38 37.50	−19.835	− 37
476	γ Centauri	2.38	A o	12 37 58.560	+3.3026	−205	−48 36 31.04	−19.789	− 20
477	[γ Virgin. med.]	3.65 3.68	F o F o	12 38 24.964	+3.0397	−375	− 1 5 55.43	−19.758	+ 5
478	76 Ursae maj.	5.92	A o	12 38 46.652	+2.6257	− 45	+63 3 51.08	−19.774	− 17
479	[Hydr. 330 G.]	5.73	K 2	12 40 35.534	+3.1955	− 26	−27 58 23.34	−19.780	− 50

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
480	[β Muscae]	3.26	B 3	12 42 20.075	+3.6678	— 53	—67 45 29.46	—19.734	— 31
481	β Crucis	1.50	B 1	12 43 57.973	+3.4968	— 59	—59 20 21.37	—19.703	— 27
482	n Centauri	4.34	A 5	12 49 52.984	+3.3182	+ 45	—39 49 52.89	—19.608	— 37
483	ε Ursae maj.	1.68	A o p	12 51 13.186	+2.6424	+136	+56 18 24.69	—19.556	— 11
484	δ Virginis	3.66	M a	12 52 22.721	+3.0217	—315	+ 3 44 41.16	—19.586	— 63
486	8 Draconis	5.27	F o	12 52 56.045	+2.3913	— 15	+65 47 7.22	—19.545	— 34
485	12 Can. ven. sq.	2.90	A o p	12 53 2.246	+2.8079	—199	+38 39 49.02	—19.459	+ 50
487	[δ Muscae]	3.63	K 2	12 57 50.130	+4.1064	+531	—71 12 15.18	—19.445	— 36
488	ε Virginis	2.95	K o	12 58 59.460	+2.9865	—185	+11 18 9.81	—19.366	+ 18
489	[ξ² Centauri]	4.40	B 3	13 3 9.752	+3.4962	— 35	—49 33 50.77	—19.317	— 30
490	ϑ Virginis	4.44	A o	13 6 38.037	+3.1054	— 24	— 5 11 52.25	—19.242	— 39
491	[17 Can. ven.]	6.04	F o	13 7 7.079	+2.7565	— 59	+38 50 18.56	—19.159	+ 32
492	43 Comae	4.32	G o	13 8 53.320	+2.8006	—602	+28 12 7.57	—18.267	+878
493	[η Muscae]	4.95	B 8	13 10 53.349	+4.0544	— 33	—67 33 22.20	—19.122	— 30
494	[20 Can. ven.]	4.66	F o	13 14 40.560	+2.6916	—107	+40 54 32.12	—18.981	+ 8
495	γ Hydrae	3.33	G 5	13 15 26.267	+3.2600	+ 51	—22 50 4.30	—19.021	— 53
496	ι Centauri	2.91	A 2	13 16 59.442	+3.3681	—294	—36 22 31.14	—19.016	— 92
497	ζ Urs. maj. pr.	2.40	A 2 p	13 21 21.158	+2.4176	+143	+55 15 32.84	—18.819	— 25
498	α Virginis	1.21	B 2	13 21 49.093	+3.1595	— 28	—10 49 40.27	—18.813	— 33
499	Grb 2001	6.07	K 5	13 24 29.989	+1.5280	+ 35	+72 43 24.44	—18.712	— 15
500	69 H. Urs. maj.	5.41	A o	13 26 6.348	+2.2033	—109	+60 16 33.32	—18.609	+ 37
501	ζ Virginis	3.44	A 2	13 31 25.812	+3.0564	—190	— 0 16 9.79	—18.435	+ 35
502	17 H. Can. ven.	4.96	F o	13 31 56.445	+2.6789	+ 64	+37 30 34.94	—18.466	— 13
503	[Chamael. 49 G.]	6.44	A o	13 33 40.292	+5.1008	— 49	—75 21 29.82	—18.407	— 14
505	[Grb 2029]	5.67	K o	13 35 38.568	+1.4394	— 86	+71 34 3.62	—18.324	0
504	ε Centauri	2.56	B 1	13 35 49.083	+3.7929	— 37	—53 8 30.82	—18.351	— 34
506	[i Centauri]	4.36	F 5	13 42 2.603	+3.4056	—371	—32 43 15.16	—18.246	—156
507	τ Bootis	4.51	F 5	13 44 13.241	+2.8508	—340	+17 46 29.85	—17.979	+ 28
509	η Ursae maj.	1.91	B 3	13 45 1.299	+2.3657	—119	+49 37 55.39	—17.996	— 20
508	[μ Centauri]	3.32	B 2 p	13 45 45.062	+3.6088	— 28	—42 9 19.92	—17.967	— 19
510	89 Virginis	5.11	K o	13 46 23.402	+3.2584	— 69	—17 48 57.80	—17.961	— 38
511	[i Draconis]	4.77	M a	13 49 33.783	+1.7523	0	+65 2 20.53	—17.799	— 2
512	ζ Centauri	3.06	B 2 p	13 51 32.083	+3.7355	— 70	—46 58 27.52	—17.777	— 61
513	η Bootis	2.80	G o	13 51 38.247	+2.8569	— 41	+18 43 4.06	—18.076	—364
514	[Cent. 294 G.]	4.68	K o	13 52 59.767	+4.3299	— 46	—63 22 25.85	—17.691	— 35
515	[47 Hydrae]	5.17	B 8	13 54 55.366	+3.3645	— 34	—24 39 38.70	—17.616	— 40
517	11 Bootis	6.12	A 3	13 58 16.426	+2.7212	— 57	+27 41 41.67	—17.425	+ 8
516	τ Virginis	4.34	A 2	13 58 23.266	+3.0529	+ 13	+ 1 51 12.13	—17.458	— 30
518	β Centauri	0.86	B 1	13 59 17.326	+4.2242	— 28	—60 3 55.59	—17.430	— 40
521	α Draconis	3.64	A o p	14 2 39.326	+1.6242	— 83	+64 40 52.67	—17.225	+ 16

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
519	[π Hydrae]	3.48	K 0	14 2 43.246	+3.4141	+ 30	−26 22 30.17	−17.391	− 153
520	ϑ Centauri	2.26	K 0	14 2 54.437	+3.5262	− 439	−36 3 22.00	−17.761	− 531
522	*d* Bootis	4.82	F 5	14 7 28.859	+2.7369	− 12	+25 23 38.44	−17.092	− 69
524	4 Ursae min.	5.00	K 0	14 9 3.955	−0.2512	− 112	+77 50 53.79	−16.917	+ 32
523	κ Virginis	4.31	K 0	14 9 28.707	+3.1993	+ 4	− 9 58 36.18	−16.795	+ 134
525	ι Virginis	4.16	F 5	14 12 39.308	+3.1446	− 13	− 5 41 45.64	−17.210	− 431
526	α Bootis	0.24	K 0	14 12 44.492	+2.7363	− 775	+19 30 53.30	−18.776	−2001
528	[ι Bootis]	4.78	A 5	14 13 54.025	+2.1252	− 159	+51 39 42.39	−16.633	+ 86
527	λ Bootis	4.26	A 0	14 13 57.130	+2.2815	− 177	+46 22 53.13	−16.565	+ 152
529	[υ Centauri]	4.41	B 5	14 15 50.188	+4.1788	− 47	−56 5 35.17	−16.665	− 39
530	[Circini 10 G.]	5.71	A 2p	14 19 45.944	+4.9542	− 41	−67 54 21.34	−16.467	− 36
531	ϑ Bootis	4.06	F 8	14 23 1.120	+2.0428	− 255	+52 8 45.11	−16.671	− 405
532	[52 Hydrae]	5.00	B 8	14 24 25.079	+3.5103	− 28	−29 12 18.30	−16.225	− 30
533	[φ Virginis]	4.97	K 0	14 24 54.161	+3.0908	− 90	− 1 56 31.32	−16.177	− 7
534	ρ Bootis	3.78	K 0	14 29 4.331	+2.5859	− 76	+30 39 5.32	−15.838	+ 113
535	γ Bootis	3.00	F 0	14 29 30.103	+2.4164	− 93	+38 35 14.46	−15.784	+ 144
536	[Grb 2125]	6.18	F 0	14 29 58.530	+1.6292	− 58	+60 30 25.58	−15.885	+ 18
537	η Centauri	2.65	B 3p + A2p	14 31 26.008	+3.8046	− 36	−41 52 40.24	−15.862	− 36
538	*α Centauri	0.33 1.70	G 0 K 5	14 35 14.219	+4.0690	−4886	−60 34 20.81	−14.911	+ 708
540	[33 Bootis]	5.39	A 0	14 36 27.333	+2.2326	− 67	+44 40 47.85	−15.578	− 26
539	[α Circini]	3.41	F 0	14 37 18.474	+4.8324	− 320	−64 41 52.28	−15.744	− 239
541	[α Lupi]	2.89	B 2	14 37 39.721	+3.9845	− 20	−47 6 53.56	−15.521	− 36
543	ζ Bootis med.	4.83 4.43	A 2	14 38 5.500	+2.8647	+ 37	+14 0 6.43	−15.488	− 27
545	μ Virginis	3.95	F 5	14 39 41.065	+3.1607	+ 69	− 5 22 51.91	−15.699	− 326
544	[c¹ Centauri]	4.13	K 0	14 39 44.082	+3.6652	− 61	−34 53 57.90	−15.567	− 198
542	α Apodis	3.81	K 5	14 39 48.717	+7.3914	− 56	−78 46 31.87	−15.400	− 35
546	[*b* Lupi]	5.20	K 0	14 42 31.885	+4.1889	− 24	−52 6 50.52	−15.304	− 92
547	109 Virginis	3.76	A 0	14 43 0.682	+3.0326	− 75	+ 2 9 41.03	−15.223	− 39
548	α Librae	2.90	A 3	14 47 20.006	+3.3171	− 77	−15 46 37.16	−15.008	− 74
549	Grb 2164	5.67	K 2	14 49 48.769	+1.5215	− 170	+59 33 12.19	−14.660	+ 129
550	β Ursae min.	2.24	K 5	14 50 52.267	−0.1852	− 78	+74 25 1.34	−14.720	+ 7
551	Pi XIV, 221	5.77	A 0	14 53 11.921	+2.8315	− 10	+14 42 13.43	−14.606	− 18
552	β Lupi	2.81	B 2p	14 54 19.735	+3.9233	− 51	−42 52 39.59	−14.580	− 60
553	[κ Centauri]	3.35	B 3	14 54 59.309	+3.8985	− 21	−41 50 55.53	−14.513	− 33
554	[2 H. Urs. min.]	4.86	M b	14 56 33.480	+0.9497	− 147	+66 11 13.46	−14.351	+ 34
555	β Bootis	3.63	G 5	14 59 32.113	+2.2600	− 36	+40 38 31.14	−14.245	− 43
556	γ Scorpii	3.41	M b	15 0 19.116	+3.5092	− 57	−25 1 54.50	−14.209	− 55
557	ψ Bootis	4.67	K 0	15 1 42.178	+2.5708	− 131	+27 11 46.06	−14.083	− 15
558	ζ Lupi	3.50	K 0	15 7 40.398	+4.3025	− 133	−51 51 25.58	−13.764	− 73
559	[ι Librae]	4.66	A 0 p	15 8 34.099	+3.4177	− 32	−19 33 3.05	−13.681	− 47

Nr. 538. Schwerpunkt des Systems. Abstand vom Schwerpunkt nach den Elementen von Lohse in den Publ. d. Astrophys. Obs. Potsdam No. 58

heller Stern: 1936.0 $\Delta\alpha = +0^s.183$ $\Delta\delta = -1''.45$

1937.0 $= +0\,.1$[illegible]1 $= -1\,.83$

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
562	[3 Serpentis]	5.44	K 0	15 12 0.374	+2.9818	− 12	+ 5 10 32.53	−13.418	− 7
561	[β Circini]	4.16	A 3	15 12 29.185	+4.6877	−130	−58 33 50.04	−13.529	− 149
560	γ Triang. austr.	3.06	A 0	15 12 54.365	+5.5857	−101	−68 26 42.38	−13.390	− 37
563	δ Bootis	3.54	K 0	15 12 55.358	+2.4193	+ 73	+33 33 9.20	−13.473	− 121
564	β Librae	2.74	B 8	15 13 33.596	+3.2274	− 64	− 9 8 53.00	−13.337	− 27
565	1 H. Urs. min.	5.23	G 0	15 13 53.784	+0.6859	+387	+67 35 21.98	−13.683	− 395
566	φ¹ Lupi	3.59	K 5	15 17 44.236	+3.8031	− 82	−36 1 50.47	−13.130	− 95
569	γ Ursae min.	3.14	A 2	15 20 48.903	−0.1016	− 32	+72 3 42.16	−12.813	+ 16
568	μ Bootis	4.47 6.66	F 0 K 0	15 22 4.332	+2.2664	−123	+37 36 2.34	−12.664	+ 80
570	[τ¹ Serpentis]	5.46	M a	15 22 49.225	+2.7822	− 11	+15 39 6.43	−12.718	− 24
571	ι Draconis	3.47	K 0	15 23 30.205	+1.3343	− 5	+59 11 22.90	−12.633	+ 14
567	[κ¹ Apodis]	5.65	B 5 p	15 24 29.705	+6.5126	+ 6	−73 10 12.25	−12.618	− 37
572	β Coron. bor.	3.72	F 0 p	15 25 11.413	+2.4741	−131	+29 19 30.80	−12.457	+ 76
573	ν¹ Bootis	5.15	K 5	15 28 37.802	+2.1551	+ 10	+41 3 1.02	−12.310	− 13
576	[ϑ Coron. bor.]	4.17	B 5	15 30 20.892	+2.4190	− 17	+31 34 26.19	−12.204	− 26
574	[ε Triang. austr.]	4.11	K 0	15 30 50.241	+5.4754	+ 29	−66 6 14.62	−12.225	− 82
575	γ Lupi	2.95	B 3	15 30 51.993	+3.9931	− 26	−40 57 11.73	−12.181	− 39
577	γ Librae	4.02	K 0	15 31 56.550	+3.3548	+ 43	−14 34 38.66	−12.064	+ 3
578	α Coron. bor.	2.31	A 0	15 31 58.656	+2.5402	+ 93	+26 55 44.19	−12.162	− 98
579	[3 H. Scorpii]	3.78	K 2	15 33 7.984	+3.6396	− 11	−27 55 28.68	−11.994	− 11
580	[φ Bootis]	5.41	G 5	15 35 31.682	+2.1549	+ 58	+40 33 38.91	−11.763	+ 52
581	[γ Coron. bor.]	3.93	A 0	15 40 3.293	+2.5199	− 74	+26 29 49.75	−11.459	+ 34
582	α Serpentis	2.75	K 0	15 41 6.832	+2.9546	+ 91	+ 6 37 32.62	−11.374	+ 42
583	β Serpentis	3.74	A 2	15 43 13.982	+2.7690	+ 51	+15 37 15.02	−11.318	− 54
587	[12 H. Dracon.]	5.13	A 2	15 45 41.150	+0.9126	+ 55	+62 47 48.76	−11.147	− 61
584	κ Serpentis	4.28	K 5	15 45 51.492	+2.7007	− 31	+18 20 16.58	−11.171	− 98
585	μ Serpentis	3.63	A 0	15 46 16.660	+3.1301	− 59	− 3 14 8.68	−11.074	− 32
590	ζ Ursae min.	4.34	A 2	15 46 18.089	−2.1644	+ 60	+77 59 32.18	−11.042	− 1
586	[χ Lupi]	4.11	B 9	15 46 53.103	+3.8090	− 15	−33 26 1.15	−11.029	− 30
588	ε Serpentis	3.75	A 2	15 47 37.431	+2.9900	+ 84	+ 4 40 8.66	−10.885	+ 60
589	β Triang. austr.	3.04	F 0	15 49 29.108	+5.2765	−278	−63 14 6.97	−11.215	− 407
591	[γ Serpentis]	3.86	F 5	15 53 29.734	+2.7709	+213	+15 52 8.96	−11.805	−1294
593	ε Coron. bor.	4.22	K 0	15 54 56.204	+2.4833	− 61	+27 3 43.30	−10.471	− 68
592	[π Scorpii]	3.00	B 2	15 54 58.483	+3.6270	− 15	−25 55 53.56	−10.437	− 37
595	[Grb 2296]	4.96	A 5	15 56 16.124	+1.4216	−187	+54 55 47.84	−10.193	+ 110
594	δ Scorpii	2.54	B 0	15 56 32.693	+3.5459	− 8	−22 26 28.39	−10.319	− 36
598	ϑ Draconis	4.11	F 8	16 0 41.238	+1.1235	−403	+58 44 8.53	− 9.631	+ 339
597	β Scorpii	2.90 5.06	B 1	16 1 42.689	+3.4868	− 7	−19 37 54.65	− 9.919	− 27
596	[δ Normae]	4.84	A 3 p	16 1 57.544	+4.2354	− 5	−45 0 5.78	− 9.867	+ 6
599	[ϑ Lupi]	4.33	B 3	16 2 22.931	+3.9356	− 29	−36 37 47.18	− 9.882	− 41

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
601	[φ Herculis]	4.26	B 9 p	16 6 45.136	+1.8901	− 23	+45 6 6.32	−9.475	+ 31
600	[κ Normae]	5.09	K 0	16 8 24.994	+4.7225	− 42	−54 28 2.56	−9.443	− 65
602	[δ Triang. austr.]	4.03	G 0	16 9 35.748	+5.4514	+ 8	−63 31 28.06	−9.313	− 26
603	δ Ophiuchi	3.03	M a	16 10 59.366	+3.1433	− 30	− 3 31 51.63	−9.328	−150
606	19 Ursae min.	5.51	B 8	16 12 37.350	−1.7233	− 4	+76 2 21.99	−9.039	+ 12
605	ε Ophiuchi	3.34	K 0	16 14 55.947	+3.1734	+ 53	− 4 32 16.90	−8.839	+ 31
604	γ² Normae	4.14	K 0	16 15 2.414	+4.4824	−190	−50 0 1.61	−8.923	− 61
607	[σ Scorpii]	3.08	B 1	16 17 17.635	+3.6448	− 11	−25 26 27.52	−8.718	− 33
608	τ Herculis	3.91	B 5	16 17 48.956	+1.8032	− 9	+46 27 53.50	−8.611	+ 32
609	γ Herculis	3.79	F 0	16 19 5.728	+2.6460	− 36	+19 18 7.84	−8.503	+ 40
612	[η Ursae min.]	5.04	F 0	16 19 21.027	−1.7653	−220	+75 54 13.02	−8.267	+256
610	[ζ Triang. austr.]	4.93	G 0	16 21 33.395	+6.4372	+366	−69 56 34.92	−8.263	+ 84
613	[ω Herculis]	4.53	A 0 p	16 22 27.657	+2.7684	+ 28	+14 10 45.09	−8.344	− 68
614	[Grb 2343]	5.66	A 2	16 23 1.249	+1.3121	+ 19	+55 20 59.90	−8.213	+ 18
615	η Draconis	2.89	G 5	16 23 7.190	+0.8108	− 28	+61 39 31.34	−8.162	+ 61
611	γ Apodis	3.90	K 0	16 23 34.351	+9.1706	−384	−78 45 26.01	−8.259	− 72
616	α Scorpii	1.22	M a + A 3	16 25 28.754	+3.6771	− 7	−26 17 30.07	−8.063	− 28
618	β Herculis	2.81	K 0	16 27 28.061	+2.5788	− 69	+21 37 40.03	−7.895	− 21
617	[λ Ophiuchi]	3.85	A 0	16 27 41.016	+3.0252	− 23	+ 2 7 20.61	−7.947	− 90
619	*A* Draconis	4.98	B 8 p	16 28 5.925	−0.1215	− 51	+68 54 23.93	−7.789	+ 35
620	[τ Scorpii]	2.91	B 0	16 31 53.633	+3.7330	− 11	−28 5 6.10	−7.550	− 33
621	σ Herculis	4.25	A 0	16 32 2.351	+1.9343	− 6	+42 34 4.91	−7.467	+ 38
623	[Grb 2373]	6.39	G 5	16 33 21.977	−2.5961	−323	+77 34 30.09	−7.123	+274
622	ζ Ophiuchi	2.70	B 0	16 33 37.940	+3.3028	+ 9	−10 26 20.44	−7.354	+ 22
624	[24 Scorpii]	5.04	K 0	16 37 52.103	+3.4686	− 18	−17 37 11.55	−7.033	− 3
626	η Herculis	3.61	K 0	16 40 42.078	+2.0570	+ 35	+39 2 34.87	−6.882	− 84
625	α Triang. austr.	1.88	K 2	16 41 52.098	+6.3422	+ 32	−68 54 47.31	−6.751	− 49
627	Grb 2377	4.88	F 0	16 44 4.861	+1.1378	+ 28	+56 53 44.03	−6.461	+ 58
628	ε Scorpii	2.36	K 0	16 46 0.775	+3.8835	−501	−34 10 43.62	−6.614	−255
629	49 Herculis	6.41	A 0 p	16 49 9.966	+2.7312	+ 12	+15 4 48.61	−6.103	− 6
630	ζ² Scorpii	3.75	K 5	16 50 4.362	+4.2175	−133	−42 15 13.12	−6.259	−238
631	ζ Arae	3.06	K 5	16 53 18.925	+4.9601	− 30	−55 53 28.91	−5.798	− 48
632	[ε¹ Arae]	4.15	K 2	16 54 28.426	+4.7764	− 19	−53 3 52.18	−5.661	− 8
633	κ Ophiuchi	3.42	K 0	16 54 38.257	+2.8392	−198	+ 9 28 23.19	−5.652	− 13
634	ε Herculis	3.92	A 0	16 57 50.417	+2.2954	− 35	+31 1 10.16	−5.346	+ 24
635	[60 Herculis]	4.91	A 3	17 2 24.554	+2.7817	+ 34	+12 49 38.29	−4.999	− 15
636	[Grb 2415]	6.27	A 2	17 5 41.423	+1.9568	− 29	+40 35 55.66	−4.734	− 28
637	η Ophiuchi	2.63	A 2	17 6 42.314	+3.4395	+ 23	−15 38 50.44	−4.529	+ 90
638	[η Scorpii]	3.44	F 2	17 7 33.893	+4.2950	+ 17	−43 9 24.69	−4.844	−298
639	ζ Draconis	3.22	B 5	17 8 35.845	+0.1722	− 29	+65 47 36.09	−4.436	+ 22

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
640	α Herculis	3.48 5.39	M b	17 11 43.688	+2.7352	− 8	+14 27 42.68	−4.162	+ 29
641	δ Herculis	3.16	A 2	17 12 24.126	+2.4642	− 15	+24 54 48.43	−4.291	−159
643	π Herculis	3.36	K 5	17 12 49.037	+2.0895	− 21	+36 52 48.82	−4.096	+ 1
642	[ι Apodis]	5.60	B 8	17 14 56.723	+6.6838	− 14	−70 3 32.46	−3.942	− 27
644	ϑ Ophiuchi	3.37	B 3	17 18 4.582	+3.6833	− 7	−24 56 14.69	−3.671	− 25
645	β Arae	2.80	K 2	17 19 58.453	+4.9843	− 14	−55 28 18.58	−3.525	− 42
647	[27 H. Ophiuchi]	4.61	F 0	17 23 14.074	+3.1833	− 58	− 5 1 53.93	−3.252	− 51
646	[*d* Ophiuchi]	4.37	F 5	17 23 15.871	+3.8295	+ 6	−29 48 39.39	−3.344	−145
650	[*x* Herculis]	5.81	A 2	17 25 2.414	+1.5902	+ 2	+48 18 45.86	−3.064	− 19
648	δ Arae	3.79	B 8	17 25 18.969	+5.4136	− 70	−60 37 58.37	−3.123	−101
649	[υ Scorpii]	2.80	B 3	17 26 24.440	+4.0757	− 24	−37 14 48.26	−2.967	− 39
651	α Arae	2.97	B 3 p	17 26 53.408	+4.6355	− 38	−49 49 40.12	−2.979	− 94
653	β Draconis	2.99	G 0	17 28 59.143	+1.3555	− 15	+52 20 52.86	−2.695	+ 10
652	λ Scorpii	1.71	B 2	17 29 15.541	+4.0717	− 14	−37 3 32.46	−2.713	− 32
655	[ν¹ Draconis]	4.98	A 5	17 30 54.906	+1.1815	+176	+55 13 38.32	−2.486	+ 51
657	[ν² Draconis]	4.95	A 5	17 31 0.341	+1.1827	+181	+55 12 57.20	−2.477	+ 52
656	α Ophiuchi	2.14	A 5	17 31 57.749	+2.7844	+ 80	+12 36 18.54	−2.679	−233
659	[*f* Draconis]	5.21	K 0	17 32 12.971	−0.2426	− 33	+68 10 33.26	−2.290	+134
654	ϑ Scorpii	2.04	F 0	17 32 42.969	+4.3085	0	−42 57 33.44	−2.398	− 18
658	ξ Serpentis	3.64	A 5	17 33 55.207	+3.4343	− 34	−15 21 35.93	−2.341	− 65
664	ω Draconis	4.87	F 5	17 37 19.392	−0.3521	+ 9	+68 47 15.78	−1.657	+323
663	ι Herculis	3.79	B 3	17 37 39.444	+1.6935	− 5	+46 2 21.76	−1.954	− 4
660	[κ Scorpii]	2.51	B 2	17 38 3.436	+4.1486	− 15	−38 59 55.99	−1.942	− 26
662	[μ Arae]	5.26	G 5	17 39 3.563	+4.7613	− 29	−51 48 8.24	−2.037	−208
661	η Pavonis	3.58	K 0	17 39 26.753	+5.8859	− 22	−64 41 44.87	−1.851	− 56
665	β Ophiuchi	2.94	K 0	17 40 18.597	+2.9633	− 28	+ 4 35 32.88	−1.567	+153
670	ψ Draconis	4.90 6.07	F 5	17 43 4.308	−1.0696	+ 32	+72 10 50.80	−1.746	−267
666	[ι¹ Scorpii]	3.14	F 5 p	17 43 6.324	+4.1943	− 10	−40 6 14.60	−1.479	− 3
667	μ Herculis	3.48	G 5	17 43 57.141	+2.3475	−240	+27 45 24.83	−2.154	−751
668	[γ Ophiuchi]	3.74	A 0	17 44 40.964	+3.0079	− 16	+ 2 43 47.35	−1.416	− 77
669	[*G* Scorpii]	3.25	K 2	17 45 30.003	+4.0830	+ 41	−37 1 29.46	−1.241	+ 26
675	35 Draconis	5.04	F 5	17 52 18.659	−2.6881	+110	+76 58 21.16	−0.431	+241
671	ξ Draconis	3.90	K 0	17 52 25.312	+1.0377	+120	+56 52 55.67	−0.586	+ 77
672	ϑ Herculis	3.99	K 0	17 54 3.453	+2.0573	+ 4	+37 15 28.60	−0.515	+ 5
676	γ Draconis	2.42	K 5	17 55 7.162	+1.3929	− 9	+51 29 44.42	−0.449	− 22
674	[ξ Herculis]	3.82	K 0	17 55 16.643	+2.3314	+ 66	+29 15 12.50	−0.438	− 25
673	ν Ophiuchi	3.50	K 0	17 55 30.132	+3.3023	− 7	− 9 46 2.43	−0.511	−118
677	67 Ophiuchi	3.92	B 5 p	17 57 26.344	+3.0045	0	+ 2 55 59.22	−0.237	− 13
679	γ Sagittarii	3.07	K 0	18 1 41.719	+3.8531	− 47	−30 25 36.45	−0.046	−194
678	[Apodis 66 G.]	5.69	K 5	18 2 18.130	+8.3870	− 42	−75 53 47.21	−0.068	−270

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
680	72 Ophiuchi	3.73	A 3	18 4 18.890	+2.8440	— 42	+ 9 33 11.90	+0.456	+ 78
681	o Herculis	3.83	A 0	18 5 2.730	+2.3402	+ 2	+28 45 8.57	+0.441	0
682	μ Sagittarii	4.01	B 8 p	18 9 56.112	+3.5873	— 3	—21 4 38.55	+0.865	— 3
683	[η Sagittarii]	3.16	M b	18 13 17.725	+4.0586	— 117	—36 46 57.88	+0.999	—163
685	[36 Draconis]	5.03	F 5	18 13 31.694	+0.3452	+ 533	+64 22 31.34	+1.213	+ 31
684	[Grb 2533]	5.42	B 5	18 13 39.286	+1.8656	— 6	+42 8 11.24	+1.187	— 7
687	[δ Sagittarii]	2.84	K 0	18 16 53.794	+3.8407	+ 27	—29 51 25.71	+1.445	— 32
686	[ξ Pavonis]	4.25	K 2	18 17 19.668	+5.5271	— 26	—61 31 30.66	+1.531	+ 17
688	η Serpentis	3.42	K 0	18 17 59.850	+3.1037	— 372	— 2 55 1.17	+0.873	—699
689	ε Sagittarii	1.95	A 0	18 19 55.429	+3.9821	— 30	—34 25 0.17	+1.613	—127
690	109 Herculis	3.92	K 0	18 20 58.213	+2.5564	+ 140	+21 44 20.99	+1.575	—257
693	[φ Draconis]	4.24	A 0 p	18 21 40.632	—0.8598	— 17	+71 18 14.73	+1.926	+ 33
695	χ Draconis	3.69	F 8	18 22 12.739	—1.0814	+1172	+72 42 19.93	+1.578	—362
691	α Telescopii	3.76	B 3	18 22 13.684	+4.4483	— 21	—46 0 20.22	+1.893	— 48
694	*b* Draconis	4.85	A 2	18 22 58.574	+0.8763	— 45	+58 45 47.17	+2.065	+ 58
692	[λ Sagittarii]	2.94	K 0	18 24 1.231	+3.7020	— 37	—25 27 31.86	+1.909	—188
696	[2 H. Scuti]	4.73	A 3	18 25 32.962	+3.4189	— 3	—14 36 29.36	+2.232	+ 2
697	[ϑ Coron. austr.]	4.69	G 5	18 28 55.939	+4.2833	+ 15	—42 21 38.14	+2.500	— 24
700	[Grb 2655]	5.84	K 0	18 32 51.101	—2.8929	— 10	+77 29 54.41	+2.861	— 3
699	α Lyrae	0.14	A 0	18 34 46.278	+2.0315	+ 176	+38 43 22.88	+3.311	+281
698	ζ Pavonis	4.10	K 0	18 35 33.927	+7.0132	— 23	—71 29 10.90	+2.921	—178
701	[Grb 2640]	6.00	A 3	18 36 1.266	+0.1880	+ 18	+65 25 52.69	+3.222	+ 84
702	[5 H. Scuti]	5.09	G 5	18 40 2.125	+3.2672	+ 13	— 8 20 23.90	+3.493	+ 9
703	110 Herculis	4.26	F 5	18 42 54.402	+2.5814	— 12	+20 29 1.36	+3.390	—340
704	λ Pavonis	4.42	B 2	18 46 17.482	+5.5601	— 25	—62 15 48.65	+3.994	— 28
705	*β Lyrae	var.	B 8 p +B2p	18 47 43.005	+2.2150	+ 3	+33 17 14.35	+4.141	— 2
707	o Draconis	4.78	K 0	18 50 15.505	+0.8861	+ 105	+59 18 34.73	+4.385	+ 25
706	σ Sagittarii	2.14	B 3	18 51 17.837	+3.7196	+ 4	—26 22 41.06	+4.386	— 63
709	ϑ Serpent. pr.	4.50	A 5	18 53 2.265	+2.9822	+ 29	+ 4 7 7.66	+4.625	+ 28
708	λ Telescopii	5.03	B 9	18 53 20.747	+4.8003	+ 3	—53 1 27.14	+4.638	+ 14
711	**R* Lyrae	var.	M b	18 53 23.285	+1.8263	+ 28	+43 51 38.81	+4.703	+ 76
710	[ξ Sagittarii]	3.61	K 0	18 53 54.736	+3.5786	+ 18	—21 11 33.04	+4.655	— 16
714	[υ Draconis]	4.91	K 0	18 55 11.321	—0.7312	+ 103	+71 12 43.02	+4.821	+ 41
713	γ Lyrae	3.30	A 0 p	18 56 32.935	+2.2439	— 4	+32 36 2.24	+4.894	— 2
712	[ε Aquilae]	4.21	K 0	18 56 43.016	+2.7221	— 42	+14 58 47.85	+4.830	— 80
715	[ζ Sagittarii]	2.71	A 2	18 58 32.424	+3.8166	— 21	—29 58 23.97	+5.066	+ 2
716	ζ Aquilae	3.02	A 0	19 2 28.083	+2.7570	— 7	+13 46 0.88	+5.295	—101
717	λ Aquilae	3.55	B 9	19 2 51.157	+3.1835	— 16	— 4 58 47.98	+5.342	— 87
719	[ι Lyrae]	5.13	B 5	19 5 1.059	+2.1407	— 3	+35 59 55.55	+5.607	— 3
718	α Coron. austr.	4.12	A 2	19 5 7.161	+4.0813	+ 60	—38 0 22.12	+5.510	—109

Nr. 705. Größe: Max. 3.4, Min. 4.1 Nr. 711. Größe: Max. 4.0, Min. 4.7. Größe in Harvard 50 = 4.32

Mittlere Sternörter 1936.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ' "	"	
720	π Sagittarii	3.02	F 2	19 5 57.505	+3.5676	— 5	—21 7 37.28	+ 5.654	— 35
721	[Pavonis 60 G.]	5.57	A 2	19 10 46.644	+6.0389	— 7	—66 46 27.15	+ 6.071	— 21
723	δ Draconis	3.24	K 0	19 12 32.736	+0.0165	+ 167	+67 32 56.00	+ 6.327	+ 88
722	[*d* Sagittarii]	5.03	K 0	19 13 53.479	+3.5099	— 12	—19 4 6.06	+ 6.342	— 9
724	ϑ Lyrae	4.46	K 0	19 14 8.755	+2.0818	— 7	+38 1 7.22	+ 6.371	— 1
725	ω Aquilae	5.14	A 5	19 14 48.730	+2.8157	— 3	+11 28 43.10	+ 6.440	+ 13
726	κ Cygni	3.98	K 0	19 15 37.476	+1.3870	+ 69	+53 14 58.65	+ 6.614	+ 120
729	τ Draconis	4.63	K 0	19 16 47.701	—1.1492	— 327	+73 14 13.99	+ 6.701	+ 109
727	[υ Sagittarii]	4.58	B 8 p + F 2 p	19 18 3.785	+3.4360	0	—16 4 35.90	+ 6.694	— 2
728	α Sagittarii	4.11	B 8	19 19 27.272	+4.1572	+ 18	—40 44 17.24	+ 6.692	— 118
730	δ Aquilae	3.44	F 0	19 22 16.290	+3.0245	+ 167	+ 2 59 8.69	+ 7.123	+ 82
731	[Sagittar. 186 G.]	5.68	B 9	19 22 53.910	+3.7916	+ 7	—29 52 17.21	+ 7.046	— 47
734	[Grb 2900]	6.00	A 2	19 25 36.167	—3.6144	+ 97	+79 28 34.11	+ 7.279	— 35
733	ι Cygni	3.94	A 2	19 28 5.576	+1.5127	+ 22	+51 35 33.41	+ 7.641	+ 125
732	*β Cygni	3.24	K 0 + A 0	19 28 8.386	+2.4191	— 2	+27 49 26.58	+ 7.512	— 8
735	[ι Telescopii]	5.02	K 0	19 30 28.270	+4.4504	— 41	—48 14 20.51	+ 7.669	— 40
736	*h* Sagittarii	4.66	B 9	19 32 48.859	+3.6510	+ 46	—25 1 35.36	+ 7.875	— 22
737	[κ Aquilae]	5.04	B 0	19 33 26.963	+3.2277	+ 3	— 7 10 16.22	+ 7.949	0
738	ϑ Cygni	4.64	F 5	19 34 43.490	+1.6080	— 29	+50 4 19.04	+ 8.298	+ 247
740	[15 Cygni]	5.02	K 0	19 41 58.078	+2.1634	+ 59	+37 11 55.56	+ 8.662	+ 36
739	[ν Telescopii]	5.52	A 5	19 42 48.066	+4.9020	+ 86	—56 31 6.15	+ 8.556	— 136
742	δ Cygni	2.97	A 0	19 42 58.502	+1.8756	+ 51	+44 58 24.81	+ 8.746	+ 40
741	γ Aquilae	2.80	K 2	19 43 13.009	+2.8519	+ 9	+10 27 21.71	+ 8.725	0
743	δ Sagittae	3.78	M a + A 0	19 44 32.027	+2.6749	+ 4	+18 22 30.70	+ 8.842	+ 13
744	[51 Aquilae]	5.55	F 0	19 47 15.599	+3.3011	— 21	—10 55 37.94	+ 9.083	+ 41
745	α Aquilae	0.89	A 5	19 47 39.628	+2.9267	+ 359	+ 8 41 52.75	+ 9.457	+ 384
747	ε Draconis	3.99	K 0	19 48 23.975	—0.1983	+ 156	+70 6 17.56	+ 9.161	+ 30
746	*[η Aquilae]	var.	G 0 p	19 49 12.798	+3.0562	+ 6	+ 0 50 23.98	+ 9.185	— 9
749	β Aquilae	3.90	K 0	19 52 10.160	+2.9464	+ 25	+ 6 14 44.23	+ 8.944	— 480
748	ε Pavonis	4.10	A 0	19 53 13.276	+6.9557	+ 148	—73 4 55.68	+ 9.373	— 132
750	ψ Cygni	4.80	A 3	19 53 58.535	+1.5510	— 43	+52 16 5.88	+ 9.531	— 31
751	ϑ¹ Sagittarii	4.39	B 3	19 55 34.396	+3.9048	— 12	—35 27 3.87	+ 9.649	— 36
752	γ Sagittae	3.71	K 5	19 55 54.619	+2.6675	+ 43	+19 19 1.67	+ 9.735	+ 24
753	[*c* Sagittarii]	4.60	M b	19 58 43.528	+3.6895	+ 21	—27 53 21.48	+ 9.943	+ 18
754	δ Pavonis	3.64	G 5	20 2 27.934	+5.8951	+1964	—66 20 51.84	+ 9.049	—1159
755	[ξ Telescopii]	4.86	M a	20 2 29.312	+4.5983	— 44	—53 3 57.43	+10.208	— 2
756	ϑ Aquilae	3.37	A 0	20 8 0.193	+3.0952	+ 22	— 1 0 45.44	+10.627	+ 6
759	κ Cephei	4.40	B 9	20 11 4.723	—2.0022	+ 12	+77 31 10.34	+10.876	+ 27
757	o¹ Cygni sq.	3.95	K 0 + B 8	20 11 36.975	+1.8892	+ 4	+46 32 46.87	+10.889	+ 1
758	[33 Cygni]	4.32	A 3	20 11 54.672	+1.3950	+ 74	+56 22 16.91	+10.995	+ 85

Nr. 732. Größe und Spektrum beziehen sich auf die hellere Komponente. Die entsprechenden Werte für die schwächere Komponente sind 5.36 und B 9. Nr. 746. Größe: Max. 3.7, Min. 4.5

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
760	24 Vulpeculae	5.45	K 0	20 14 2.756	+2.5671	+ 12	+24 28 22.14	+11.047	— 19
761	α^2 Capricorni	3.77	G 5	20 14 30.315	+3.3287	+ 40	—12 44 40.10	+11.111	+ 11
762	[β Capricorni]	3.25	G 0 + A 0	20 17 25.021	+3.3706	+ 23	—14 59 5.34	+11.317	+ 6
763	[$\varkappa^1$ Sagittarii]	5.64	A 0	20 18 7.178	+4.0768	+ 37	—42 15 10.59	+11.266	— 96
765	γ Cygni	2.32	F 8 p	20 19 55.844	+2.1530	+ 4	+40 3 3.31	+11.492	0
764	α Pavonis	2.12	B 3	20 20 35.814	+4.7528	+ 11	—56 56 30.64	+11.454	— 85
766	[ρ Capricorni]	4.96	F 0	20 25 12.730	+3.4221	— 14	—18 1 35.47	+11.851	— 16
767	ϑ Cephei	4.28	A 5	20 28 30.670	+1.0082	+ 63	+62 46 42.72	+12.084	— 14
768	ε Delphini	3.98	B 5	20 30 9.319	+2.8660	+ 5	+11 5 4.30	+12.188	— 25
770	73 Draconis	5.18	A 2 p	20 32 22.488	—0.7789	+ 16	+74 44 8.22	+12.354	— 12
769	α Indi	3.21	K 0	20 33 4.324	+4.2219	+ 33	—47 30 58.59	+12.474	+ 60
771	β Delphini	3.72	F 5	20 34 32.860	+2.8130	+ 74	+14 22 16.84	+12.479	— 36
772	[ϰ Delphini]	5.23	G 5	20 36 1.255	+2.9137	+ 212	+ 9 51 34.58	+12.634	+ 18
773	υ Capricorni	5.33	M a	20 36 24.534	+3.4155	— 17	—18 21 54.99	+12.626	— 16
774	α Delphini	3.86	B 8	20 36 39.919	+2.7865	+ 45	+15 41 6.34	+12.653	— 6
775	β Pavonis	3.60	A 5	20 39 12.897	+5.4196	— 71	—66 26 6.70	+12.833	+ 1
777	α Cygni	1.33	A 2 p	20 39 14.970	+2.0452	+ 4	+45 3 2.78	+12.833	— 1
776	[η Indi]	4.70	F 0	20 39 20.905	+4.4092	+ 157	—52 9 4.90	+12.767	— 73
778	[δ Delphini]	4.53	A 5	20 40 28.256	+2.8008	— 14	+14 50 37.69	+12.868	— 48
779	[ψ Capricorni]	4.26	F 8	20 42 18.571	+3.5528	— 44	—25 30 8.15	+12.881	— 157
780	ε Cygni	2.64	K 0	20 43 37.266	+2.4277	+ 290	+33 43 46.54	+13.453	+ 328
782	[6 H. Cephei]	4.63	G 0	20 43 45.846	+1.4891	— 86	+57 20 58.04	+12.900	— 235
783	η Cephei	3.59	K 0	20 43 59.463	+1.2216	+ 130	+61 35 22.92	+13.968	+ 819
781	ε Aquarii	3.83	A 0	20 44 12.770	+3.2476	+ 17	— 9 43 52.28	+13.136	— 28
784	λ Cygni	4.47	B 5	20 44 54.879	+2.3365	+ 5	+36 15 17.04	+13.210	0
785	β Indi	3.72	K 0	20 49 49.234	+4.6943	0	—58 41 49.90	+13.503	— 27
786	32 Vulpeculae	5.24	K 5	20 51 49.899	+2.5568	— 4	+27 48 47.78	+13.661	+ 1
788	ν Cygni	4.04	A 0	20 54 47.171	+2.2364	+ 9	+40 55 11.45	+13.830	— 17
787	[α Octantis]	5.24	F 2	20 57 1.837	+7.3083	— 11	—77 16 12.00	+13.634	— 355
789	[11 Aquarii]	6.26	G 0	20 57 11.681	+3.1586	+ 23	— 4 58 42.94	+13.866	— 133
790	ζ Microscopii	5.35	F 0	20 58 52.887	+3.8351	— 36	—38 52 58.22	+13.982	— 122
792	[ξ Cygni]	3.92	K 5	21 2 36.138	+2.1824	+ 12	+43 40 17.87	+14.330	— 3
791	[*A* Capricorni]	4.60	M a	21 3 23.235	+3.5093	— 30	—25 15 46.64	+14.334	— 47
793	61 Cygni pr.	5.57	K 5	21 4 1.563	+2.6870	+3505	+38 26 1.62	+17.678	+3258
794	ν Aquarii	4.52	K 0	21 6 6.606	+3.2685	+ 62	—11 37 54.80	+14.537	— 9
795	Br 2777	5.90	B 9	21 6 48.885	—1.1822	+ 74	+77 52 2.30	+14.624	+ 36
798	[Grb 3415]	5.65	B 2	21 10 10.520	+1.5274	— 6	+59 43 22.15	+14.786	— 2
797	ζ Cygni	3.40	K 0	21 10 12.673	+2.5530	— 1	+29 57 48.53	+14.732	— 59
796	[Indi 23 G.]	5.84	A 5	21 11 12.012	+4.2855	— 19	—53 31 47.08	+14.803	— 46
799	[τ Cygni]	3.82	F 0	21 12 14.107	+2.3946	+ 136	+37 46 17.16	+15.345	+ 436

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
800	α Equulei	4.14	F 8 + A 3	21 12 37.507	+2.9991	+ 38	+ 4 58 55.91	+14.845	— 87
801	[4 Pisc. austr.]	4.79	A 0	21 14 3.700	+3.6391	+ 35	—32 26 28.20	+14.989	— 26
802	[ϑ¹ Microscop.]	4.92	A 2 p	21 16 40.500	+3.8417	+ 70	—41 4 51.71	+15.180	+ 14
803	α Cephei	2.60	A 5	21 17 3.193	+1.4323	+ 213	+62 18 50.10	+15.237	+ 50
804	1 Pegasi	4.24	K 0	21 19 7.559	+2.7743	+ 74	+19 31 46.90	+15.366	+ 61
805	γ Pavonis	4.30	F 8	21 21 10.502	+4.9727	+ 128	—65 39 26.67	+16.209	+ 788
806	ζ Capricorni	3.86	G 5 p	21 23 1.003	+3.4263	— 1	—22 41 22.82	+15.546	+ 23
807	[g Cygni]	5.34	K 0	21 27 5.178	+2.2139	+ 48	+46 15 27.44	+15.849	+ 103
809	β Cephei	3.32	B 1	21 27 50.544	+0.7779	+ 20	+70 16 46.19	+15.793	+ 7
808	β Aquarii	3.07	G 0	21 28 11.460	+3.1584	+ 11	— 5 51 13.26	+15.800	— 5
811	74 Cygni	5.09	A 5	21 34 22.912	+2.4043	— 3	+40 7 30.87	+16.144	+ 12
810	ν Octantis	3.74	K 0	21 34 25.914	+6.7154	+ 135	—77 40 34.27	+15.879	— 256
812	[γ Capricorni]	3.80	F 0 p	21 36 32.875	+3.3247	+ 131	—16 57 8.21	+16.228	— 16
813	[13 H. Cephei]	5.64	O e 5	21 36 58.476	+1.8622	+ 7	+57 11 56.78	+16.268	+ 2
817	[11 Cephei]	4.85	K 0	21 40 59.467	+0.8822	+ 234	+71 0 59.26	+16.566	+ 98
815	ε Pegasi	2.54	K 0	21 41 2.544	+2.9463	+ 18	+ 9 34 50.38	+16.471	0
814	[ι Pisc.austr.]	4.35	A 0	21 41 8.353	+3.5750	+ 18	—33 19 7.44	+16.386	— 89
816	[κ Pegasi]	4.27	F 5	21 41 44.735	+2.7163	+ 25	+25 21 0.11	+16.516	+ 10
818	[λ Capricorni]	5.43	A 0	21 43 5.539	+3.2301	+ 20	—11 39 43.06	+16.569	— 4
819	δ Capricorni	2.98	A 5	21 43 30.648	+3.3117	+ 178	—16 25 7.09	+16.300	— 293
821	π² Cygni	4.26	B 3	21 44 25.621	+2.2163	+ 8	+49 0 45.75	+16.634	— 4
820	[ο Indi]	5.50	K 2	21 45 24.126	+5.0908	— 86	—69 55 43.60	+16.665	— 21
822	γ Gruis	3.16	B 8	21 50 3.536	+3.6347	+ 77	—37 40 0.65	+16.889	— 18
823	16 Pegasi	5.05	B 3	21 50 8.921	+2.7294	+ 4	+25 37 23.78	+16.913	+ 1
824	[δ Indi]	4.56	F 0	21 53 34.452	+4.0886	+ 43	—55 17 53.62	+17.042	— 29
826	[20 Pegasi]	5.66	F 2	21 57 58.226	+2.9223	+ 36	+12 48 45.11	+17.215	— 54
825	[ε Indi]	4.74	K 5	21 58 28.743	+4.5965	+4809	—57 3 1.02	+14.718	—2574
827	α Aquarii	3.19	G 0	22 2 29.839	+3.0812	+ 10	— 0 37 53.56	+17.460	— 7
828	ι Aquarii	4.35	B 8	22 2 58.971	+3.2404	+ 24	—14 10 51.34	+17.436	— 51
830	20 Cephei	5.39	K 5	22 3 3.710	+1.8230	+ 22	+62 28 22.63	+17.551	+ 60
831	[ι Pegasi]	3.96	F 5	22 4 1.794	+2.7924	+ 219	+25 1 54.31	+17.554	+ 22
829	α Gruis	2.16	B 5	22 4 12.500	+3.7851	+ 119	—47 16 19.70	+17.368	— 171
832	[μ Pisc. austr.]	4.62	A 2	22 4 39.171	+3.5005	+ 41	—33 18 6.32	+17.518	— 41
833	[27 Pegasi]	5.65	K 0	22 6 23.380	+2.6582	— 42	+32 51 32.51	+17.566	— 65
834	ϑ Pegasi	3.70	A 2	22 6 58.288	+3.0262	+ 184	+ 5 52 56.11	+17.686	+ 31
835	π Pegasi	4.38	F 5	22 7 8.567	+2.6640	— 9	+32 51 48.67	+17.644	— 19
837	24 Cephei	4.99	G 5	22 8 34.864	+1.1540	+ 54	+72 1 32.51	+17.729	+ 8
836	ζ Cephei	3.62	K 0	22 8 37.840	+2.0801	+ 14	+57 53 6.88	+17.729	+ 6
838	[λ Pisc.austr.]	5.40	B 9	22 10 41.372	+3.4020	+ 16	—28 5 5.87	+17.806	— 1
839	[ε Octantis]	5.11	M b	22 12 57.260	+6.7851	+ 137	—80 45 34.85	+17.857	— 40

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0s.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0".001
		M		h m s	s		° ′ ″	″	
840	ϑ Aquarii	4.32	K 0	22 13 27.479	+3.1659	+ 76	− 8 6 9.66	+17.898	− 19
841	α Tucanae	2.91	K 2	22 14 8.037	+4.1192	− 98	−60 34 46.53	+17.894	− 49
842	γ Aquarii	3.97	A 0	22 18 21.069	+3.0985	+ 83	− 1 42 38.11	+18.111	+ 7
843	[31 Pegasi]	4.93	B 3 p	22 18 21.997	+2.9523	− 1	+11 52 55.44	+18.114	+ 9
844	3 Lacertae	4.58	K 0	22 21 2.370	+2.3581	− 15	+51 54 28.07	+18.014	−191
845	[ν Gruis]	5.48	K 0	22 24 54.479	+3.5188	+ 24	−39 27 22.80	+18.181	−162
846	[δ¹ Gruis]	4.02	G 5	22 25 27.084	+3.5889	+ 17	−43 49 23.98	+18.354	− 8
847	*[δ Cephei]	var.	verän.	22 26 47.428	+2.2259	+ 17	+58 5 13.66	+18.411	+ 2
848	7 Lacertae	3.85	A 0	22 28 39.057	+2.4707	+ 147	+49 57 10.50	+18.489	+ 17
849	[υ Aquarii]	5.29	F 5	22 31 11.776	+3.2827	+ 155	−21 2 12.12	+18.414	−144
850	η Aquarii	4.13	B 8	22 32 4.088	+3.0828	+ 59	− 0 26 52.83	+18.531	− 55
851	[31 Cephei]	5.22	F 0	22 34 11.256	+1.4813	+ 384	+73 18 38.31	+18.678	+ 23
853	[30 Cephei]	5.21	A 2	22 36 22.594	+2.1270	+ 1	+63 15 5.00	+18.703	− 22
852	10 Lacertae	4.91	Oe 5	22 36 23.176	+2.6912	+ 4	+38 42 59.90	+18.718	− 6
854	[ε Pisc.austr.]	4.22	B 8	22 37 7.149	+3.3190	+ 12	−27 22 40.69	+18.750	+ 2
855	ζ Pegasi	3.61	B 8	22 38 16.157	+2.9919	+ 53	+10 29 48.02	+18.770	− 13
856	β Gruis	2.24	M b	22 38 51.162	+3.5854	+ 117	−47 13 12.67	+18.775	− 25
857	η Pegasi	3.10	G 0	22 39 59.960	+2.8116	+ 12	+29 53 9.19	+18.802	− 33
858	[13 Lacertae]	5.24	K 0	22 41 13.984	+2.6743	− 6	+41 28 58.39	+18.877	+ 5
859	λ Pegasi	4.14	K 0	22 43 26.767	+2.8890	+ 41	+23 13 41.98	+18.926	− 10
860	ε Gruis	3.69	A 2	22 44 41.844	+3.6277	+ 96	−51 39 14.64	+18.898	− 73
861	[τ Aquarii]	4.21	K 5	22 46 12.312	+3.1767	− 12	−13 55 51.24	+18.981	− 33
862	[μ Pegasi]	3.67	K 0	22 46 54.720	+2.8951	+ 109	+24 15 47.39	+18.993	− 41
863	ι Cephei	3.68	K 0	22 47 23.754	+2.1325	− 114	+65 51 48.45	+18.924	−123
864	λ Aquarii	3.84	M a	22 49 16.601	+3.1299	+ 5	− 7 55 14.41	+19.135	+ 38
865	ρ Indi	6.14	G 0	22 50 13.969	+4.1887	− 101	−70 24 58.65	+19.184	+ 62
866	δ Aquarii	3.51	A 2	22 51 15.332	+3.1841	− 33	−16 9 41.84	+19.130	− 19
867	α Pisc. austr.	1.29	A 3	22 54 7.058	+3.3161	+ 247	−29 57 42.64	+19.063	−159
868	[ζ Gruis]	4.18	G 5	22 57 6.680	+3.5472	− 80	−53 5 52.34	+19.278	− 16
869	ο Androm.	3.63	B 5 + A 2 p	22 58 58.324	+2.7591	+ 25	+41 58 53.41	+19.325	− 13
870	β Pegasi	2.61	M a	23 0 40.124	+2.9077	+ 145	+27 44 6.80	+19.513	+138
871	α Pegasi	2.57	A 0	23 1 34.260	+2.9877	+ 41	+14 51 37.75	+19.355	− 41
872	ϑ Gruis	4.35	F 5	23 3 16.792	+3.3825	− 52	−43 52 0.30	+19.395	− 38
874	π Cephei	4.56	G 5	23 5 51.377	+1.9053	+ 29	+75 2 28.83	+19.462	− 25
873	c² Aquarii	3.80	K 0	23 6 2.191	+3.1992	+ 32	−21 31 12.60	+19.527	+ 36
875	Br 3077	5.65	K 2	23 10 11.582	+2.8859	+2534	+56 48 52.85	+19.869	+296
876	[Tucanae 25 G.]	5.69	G 0	23 13 7.592	+3.6141	+ 231	−62 21 2.81	+19.573	− 53
877	γ Tucanae	4.10	F 2	23 13 42.274	+3.5060	− 59	−58 35 13.03	+19.718	+ 82
878	[γ Piscium]	3.85	K 0	23 13 50.813	+3.1096	+ 503	+ 2 55 55.96	+19.657	+ 18
879	γ Sculptoris	4.51	K 0	23 15 22.333	+3.2411	+ 10	−32 52 51.67	+19.598	− 68

Nr. 847. Größe: Max. 3.7, Min. 4.6; Spektrum wechselt von F 5 bis G 0.

Mittlere Sternörter 1936.0

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.0001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
880	τ Pegasi	4.65	A 5	23 17 27.979	+2.9685	+ 21	+23 23 22.66	+19.686	− 13
882	4 Cassiopeiae	5.20	K 5	23 21 59.137	+2.6610	+ 17	+61 55 52.31	+19.758	− 10
881	[υ Pegasi]	4.57	G 0	23 22 10.928	+2.9934	+138	+23 3 5.25	+19.807	+ 35
883	[ο Gruis]	5.54	F 0	23 23 2.010	+3.3582	− 4	−53 4 34.56	+19.902	+119
884	κ Piscium	4.94	A 2 p	23 23 39.081	+3.0753	+ 56	+ 0 54 17.91	+19.699	− 93
885	70 Pegasi	4.67	K 0	23 25 54.958	+3.0333	+ 38	+12 24 25.80	+19.850	+ 28
886	[β Sculptoris]	4.46	B 9	23 29 32.624	+3.2187	+ 65	−38 10 21.36	+19.881	+ 14
887	[72 Pegasi]	5.21	K 2	23 30 46.433	+2.9750	+ 40	+30 58 18.94	+19.869	− 12
888	[Aquarii 248 G.]	6.51	K 0	23 32 14.016	+3.0947	− 5	− 7 49 7.69	+19.920	+ 23
889	[Phoenicis 11 G.]	4.86	A 2	23 34 24.574	+3.2311	+ 47	−45 50 49.53	+19.882	− 37
890	[λ Androm.]	4.00	K 0	23 34 25.489	+2.9339	+156	+46 6 40.24	+19.496	−423
891	ι Androm.	4.28	B 8	23 34 59.480	+2.9404	+ 27	+42 54 48.61	+19.920	− 5
892	ι Piscium	4.28	F 8	23 36 39.433	+3.0852	+247	+ 5 16 44.88	+19.500	−440
893	γ Cephei	3.42	K 0	23 36 42.272	+2.4540	−184	+77 16 30.49	+20.097	+157
894	ω² Aquarii	4.62	A 0	23 39 24.287	+3.1114	+ 65	−14 53 56.11	+19.900	− 63
895	41 H. Cephei	5.02	A 0	23 44 50.209	+2.8625	+ 23	+67 27 4.13	+20.001	+ 1
896	Lac. δ Sculpt.	4.64	A 0	23 45 35.695	+3.1256	+ 71	−28 29 3.72	+19.899	−105
897	[Aquarii 268 G.]	6.08	K 0	23 46 56.585	+3.0954	+ 86	−10 19 53.12	+20.098	+ 86
898	φ Pegasi	5.23	M a	23 49 13.734	+3.0509	− 8	+18 45 52.89	+19.982	− 39
899	[ρ Cassiopeiae]	4.85	F 8 p	23 51 10.529	+2.9926	− 7	+57 8 35.95	+20.033	+ 4
900	[27 Piscium]	5.07	K 0	23 55 23.776	+3.0711	− 37	− 3 54 39.92	+19.971	− 68
901	[π Phoenicis]	5.14	K 0	23 55 37.076	+3.1100	+ 30	−53 6 13.17	+20.086	+ 46
902	ω Piscium	4.03	F 5	23 56 1.400	+3.0803	+100	+ 6 30 32.30	+19.931	−109
903	ε Tucanae	4.71	B 9	23 56 36.149	+3.1237	+ 64	−65 56 0.03	+20.009	− 33
904	[ϑ Octantis]	4.73	K 0	23 58 19.756	+3.0948	−218	−77 25 8.63	+19.873	−171

Von den Sternen, deren Namen eingeklammert sind, folgen keine Ephemeriden.

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001

Nördliche Polsterne

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
Na	43 H. Cephei	4.52	K 0	0 59 37.65	+ 7.962	+ 76	+85 54 53.68	+19.368	− 2
Nb	α Ursae min.	2.12	F 8	1 40 13.27	+34.370	+157	+88 57 31.98	+18.158	0
Nc	*Grb 750	6.70	F 8	4 15 40.58	+17.954	+ 17	+85 23 1.99	+ 8.844	+ 32
Nd	51 H. Cephei	5.26	M a	7 11 13.32	+28.589	− 52	+87 9 4.58	− 6.164	− 34
Ne	1 H. Dracon.	4.58	K 2	9 28 7.24	+ 8.642	− 6	+81 36 42.33	−15.821	− 20
Nf	30 H. Camel.	5.34	F 2	10 23 26.95	+ 7.405	− 46	+82 53 8.58	−18.260	+ 31
Ng	ε Ursae min.	4.40	G 5	16 52 27.37	− 6.188	+ 7	+82 8 44.05	− 5.816	+ 6
Nh	δ Ursae min.	4.44	A 0	17 52 50.99	−19.478	+ 15	+86 36 45.74	− 0.568	+ 57
Ni	λ Ursae min.	6.55	M b	18 39 14.71	−75.663	−100	+89 2 26.52	+ 3.421	+ 6
Nk	76 Draconis	5.69	A 0	20 47 20.45	− 4.270	+ 16	+82 17 45.33	+13.396	+ 27

Nr. Nc. Größe aus Harvard 54 entnommen.

Südliche Polsterne

Nr.	Name	Gr.	Spektrum	AR. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0ˢ.001	Dekl. 1936.0	Jährl. Veränderung	Jährl. Eigenbew. in 0″.001
		M		h m s	s		° ′ ″	″	
Sa	Octantis 4 G.	5.63	K 0	1 40 53.45	− 3.542	+ 18	−85 5 36.48	+18.167	+ 34
Sb	ξ Mensae	5.85	K 0	5 6 5.11	− 6.880	− 4	−82 33 32.37	+ 4.686	+ 14
Sc	ζ Octantis	5.38	F 0	9 6 21.30	− 8.459	− 94	−85 24 34.52	−14.511	+ 49
Sd	ι Octantis	5.38	K 0	12 48 2.63	+ 6.157	+ 43	−84 46 34.80	−19.580	+ 25
Se	Octantis 20 G.	6.52	A 2	14 54 43.85	+27.964	−184	−87 53 31.87	−14.566	− 70
Sf	Octantis 26 G.	6.13	A 0	16 36 37.70	+22.158	+ 5	−86 15 19.01	− 7.134	− 2
Sg	χ Octantis	5.22	K 0	18 17 29.99	+35.590	− 83	−87 39 34.60	+ 1.399	−130
Sh	σ Octantis	5.48	F 0	19 56 9.32	+84.705	+107	−89 10 44.41	+ 9.731	+ 2
Si	β Octantis	4.34	F 0	22 39 38.11	+ 6.200	− 26	−81 43 5.23	+18.827	+ 3
Sk	τ Octantis	5.56	K 0	23 19 14.06	+ 9.345	+ 20	−87 50 3.69	+19.743	+ 15

Scheinbare Sternörter 1936

Tag	1) α Andromedae AR.		1) α Andromedae Dekl.		2) β Cassiopeiae AR.		2) β Cassiopeiae Dekl.	
1936	0h 5m		+28° 44′		0h 5m		+58° 47′	
Jan. 0	5.287 s	134	29.09 ″	89	45.560 s	304	71.93 ″	69
10	5.153	129	28.20	115	45.256	292	71.24	121
20	5.024	117	27.05	137	44.964	269	70.03	168
30	4.907	99	25.68	152	44.695	232	68.35	208
Feb. 9	4.808	75	24.16	161	44.463	185	66.27	239
19	4.733	44	22.55	162	44.278	125	63.88	260
29	4.689	8	20.93	157	44.153	58	61.28	271
März 10	4.681	33	19.36	142	44.095	18	58.57	270
20	4.714	78	17.94	121	44.113	98	55.87	257
30	4.792	125	16.73	93	44.211	177	53.30	234
Apr. 9	4.917	171	15.80	61	44.388	254	50.96	201
19	5.088	216	15.19	25	44.642	326	48.95	162
29	5.304	256	14.94	15	44.968	389	47.33	115
Mai 9	5.560	290	15.09	54	45.357	442	46.18	65
19	5.850	318	15.63	92	45.799	483	45.53	13
29	6.168	337	16.55	128	46.282	509	45.40	40
Juni 8	6.505	348	17.83	161	46.791	522	45.80	92
18	6.853	349	19.44	190	47.313	522	46.72	142
28	7.202	341	21.34	213	47.835	507	48.14	187
Juli 8	7.543	326	23.47	232	48.342	481	50.01	227
18	7.869	302	25.79	244	48.823	444	52.28	263
28	8.171	272	28.23	250	49.267	398	54.91	292
Aug. 7	8.443	237	30.73	252	49.665	345	57.83	314
17	8.680	198	33.25	247	50.010	286	60.97	330
27	8.878	158	35.72	239	50.296	222	64.27	340
Sept. 6	9.036	116	38.11	226	50.518	159	67.67	341
16	9.152	75	40.37	208	50.677	95	71.08	337
25	[22] 9.227	38	42.45	189	[22] 50.772	33	74.45	325
Okt. 5	9.265	1	44.34	165	50.805	28	77.70	307
15	9.266	30	45.99	140	50.777	83	80.77	282
25	9.236	57	47.39	112	50.694	136	83.59	251
Nov. 4	9.179	82	48.51	83	50.558	181	86.10	214
14	9.097	102	49.34	52	50.377	223	88.24	171
24	8.995	116	49.86	20	50.154	256	89.95	123
Dez. 4	8.879	129	50.06	11	49.898	282	91.18	71
14	8.750	135	49.95	43	49.616	300	91.89	18
24	8.615	138	49.52	74	49.316	307	92.07	38
34	8.477		48.78		49.009		91.69	
Mittl. Ort	4.492		13.68		44.995		48.45	
sec δ, tg δ	1.140		+0.548		1.930		+1.651	
a, *a′*	+3.1		+20.0		+3.1		+20.0	
b, *b′*	+0.04		— 0.02		+0.11		— 0.02	

Tag	3) ε Phoenicis AR.		3) ε Phoenicis Dekl.		7) γ Pegasi AR.		7) γ Pegasi Dekl.	
1936	0h 6m		−46° 5′		0h 9m		+14° 49′	
Jan. 0	10.899 s	201	71.43 ″	34	57.108 s	113	50.59 ″	81
10	10.698	185	71.09	79	56.995	107	49.78	93
20	10.513	165	70.30	124	56.888	99	48.85	100
30	10.348	138	69.06	164	56.789	84	47.85	104
Feb. 9	10.210	107	67.42	201	56.705	64	46.81	101
19	10.103	69	65.41	233	56.641	37	45.80	95
29	10.034	28	63.08	261	56.604	6	44.85	82
März 10	10.006	18	60.47	282	56.598	29	44.03	64
20	10.024	67	57.65	299	56.627	70	43.39	40
30	10.091	118	54.66	310	56.697	111	42.99	15
Apr. 9	10.209	170	51.56	314	56.808	153	42.84	16
19	10.379	221	48.42	312	56.961	194	43.00	47
29	10.600	267	45.30	302	57.155	231	43.47	79
Mai 9	10.867	311	42.28	287	57.386	265	44.26	109
19	11.178	346	39.41	265	57.651	291	45.35	138
29	11.524	375	36.76	237	57.942	311	46.73	162
Juni 8	11.899	393	34.39	201	58.253	323	48.35	185
18	12.292	402	32.38	164	58.576	325	50.20	199
28	12.694	400	30.74	119	58.901	320	52.19	211
Juli 8	13.094	386	29.55	74	59.221	306	54.30	216
18	13.480	364	28.81	26	59.527	286	56.46	217
28	13.844	330	28.55	23	59.813	259	58.63	211
Aug. 7	14.174	289	28.78	69	60.072	227	60.74	202
17	14.463	241	29.47	112	60.299	192	62.76	189
27	14.704	186	30.59	152	60.491	154	64.65	171
Sept. 6	14.890	131	32.11	185	60.645	115	66.36	153
16	15.021	72	33.96	210	60.760	78	67.89	130
25	[22] 15.093	17	36.06	226	[23] 60.838	42	69.19	109
Okt. 5	15.110	36	38.32	234	60.880	9	70.28	86
15	15.074	84	40.66	230	60.889	20	71.14	63
25	14.990	125	42.96	219	60.869	46	71.77	41
Nov. 4	14.865	159	45.15	197	60.823	67	72.18	18
14	14.706	185	47.12	167	60.756	84	72.36	2
24	14.521	202	48.79	131	60.672	98	72.34	22
Dez. 4	14.319	213	50.10	89	60.574	108	72.12	42
14	14.106	214	50.99	45	60.466	113	71.70	59
24	13.892	211	51.44	3	60.353	117	71.11	75
34	13.681		51.41		60.236		70.36	
Mittl. Ort	9.994		62.72		56.236		39.81	
sec δ, tg δ	1.442		−1.039		1.034		+0.265	
a, *a′*	+3.0		+20.0		+3.1		+20.0	
b, *b′*	−0.07		— 0.03		+0.02		— 0.04	

Tag	9) ι Ceti AR.	Δ	9) ι Ceti Dekl.	Δ	10) ζ Tucanae AR.	Δ	10) ζ Tucanae Dekl.	Δ	11) β Hydri AR.	Δ	11) β Hydri Dekl.	Δ	12) α Phoenicis AR.	Δ	12) α Phoenicis Dekl.	Δ
1936	0h 16m		−9° 10′		0h 16m		−65° 14′		0h 22m		−77° 36′		0h 23m		−42° 38′	
Jan. 0	10.966s	109	40.81″	55	45.79s	41	75.89″	77	26.16s	91	66.15″	100	8.411s	190	81.26″	7
10	10.857	106	41.36	40	45.38	38	75.12	133	25.25	86	65.15	158	8.221	181	81.19	52
20	10.751	96	41.76	23	45.00	34	73.79	185	24.39	78	63.57	213	8.040	165	80.67	95
30	10.655	82	41.99	6	44.66	30	71.94	232	23.61	68	61.44	261	7.875	145	79.72	137
Feb. 9	10.573	64	42.05	15	44.36	24	69.62	273	22.93	57	58.83	302	7.730	117	78.35	174
19	10.509	40	41.90	35	44.12	18	66.89	307	22.36	43	55.81	335	7.613	85	76.61	209
29	10.469	11	41.55	58	43.94	11	63.82	335	21.93	30	52.46	360	7.528	46	74.52	238
März 10	10.458	21	40.97	82	43.83	3	60.47	355	21.63	15	48.86	376	7.482	5	72.14	264
20	10.479	59	40.15	105	43.80	4	56.92	364	21.48	1	45.10	385	7.477	43	69.50	283
30	10.538	98	39.10	128	43.84	13	53.28	370	21.49	17	41.25	384	7.520	91	66.67	297
Apr. 9	10.636	139	37.82	151	43.97	21	49.58	366	21.66	31	37.41	376	7.611	141	63.70	306
19	10.775	178	36.31	171	44.18	29	45.92	354	21.97	47	33.65	360	7.752	191	60.64	307
29	10.953	215	34.60	188	44.47	37	42.38	335	22.44	61	30.05	336	7.943	239	57.57	303
Mai 9	11.168	249	32.72	201	44.84	43	39.03	309	23.05	73	26.69	304	8.182	282	54.54	292
19	11.417	277	30.71	210	45.27	49	35.94	276	23.78	84	23.65	267	8.464	319	51.62	274
29	11.694	298	28.61	214	45.76	54	33.18	236	24.62	94	20.98	223	8.783	349	48.88	249
Juni 8	11.992	311	26.47	213	46.30	57	30.82	192	25.56	101	18.75	173	9.132	370	46.39	219
18	12.303	318	24.34	205	46.87	60	28.90	142	26.57	105	17.02	120	9.502	382	44.20	183
28	12.621	315	22.29	193	47.47	60	27.48	89	27.62	106	15.82	65	9.884	383	42.37	142
Juli 8	12.936	304	20.36	176	48.07	58	26.59	34	28.68	105	15.17	6	10.267	374	40.95	98
18	13.240	286	18.60	154	48.65	55	26.25	22	29.73	100	15.11	51	10.641	356	39.97	51
28	13.526	261	17.06	129	49.20	51	26.47	76	30.73	93	15.62	107	10.997	327	39.46	4
Aug. 7	13.787	230	15.77	101	49.71	45	27.23	128	31.66	83	16.69	160	11.324	291	39.42	44
17	14.017	196	14.76	72	50.16	38	28.51	175	32.49	69	18.29	206	11.615	247	39.86	88
27	14.213	158	14.04	42	50.54	30	30.26	216	33.18	54	20.35	247	11.862	199	40.74	130
Sept. 6	14.371	120	13.62	14	50.84	20	32.42	248	33.72	37	22.82	277	12.061	147	42.04	166
16	14.491	81	13.48	13	51.04	11	34.90	272	34.09	18	25.59	298	12.208	94	43.70	194
25*)	[25] 14.572	44	13.61	37	[25] 51.15	2	37.62	285	34.27	0	28.57	308	12.302	42	45.64	215
Okt. 5	14.616	10	13.98	57	51.17	8	40.47	286	[27] 34.27	19	31.65	306	[27] 12.344	9	47.79	227
15	14.626	20	14.55	73	51.09	16	43.33	276	34.08	36	34.71	290	12.335	54	50.06	229
25	14.606	45	15.28	84	50.93	25	46.09	254	33.72	53	37.61	264	12.281	95	52.35	221
Nov. 4	14.561	68	16.12	90	50.68	30	48.63	222	33.19	66	40.25	227	12.186	129	54.56	204
14	14.493	85	17.02	93	50.38	36	50.85	181	32.53	79	42.52	181	12.057	156	56.60	180
24	14.408	99	17.95	90	50.02	40	52.66	132	31.74	86	44.33	126	11.901	176	58.40	148
Dez. 4	14.309	107	18.85	85	49.62	42	53.98	77	30.88	93	45.59	66	11.725	190	59.88	109
14	14.202	113	19.70	76	49.20	43	54.75	21	29.95	94	46.25	4	11.535	196	60.97	68
24	14.089	114	20.46	65	48.77	42	54.96	39	29.01	94	46.29	59	11.339	197	61.65	24
34	13.975		21.11		48.35		54.57		28.07		45.70		11.142		61.89	
Mittl. Ort	10.019		43.15		44.83		63.71		25.15		52.83		7.399		73.38	
sec δ, tg δ	1.013		−0.162		2.389		−2.169		4.662		−4.554		1.360		−0.921	
a, a′	+3.1		+20.0		+2.9		+20.0		+2.5		+19.9		+2.9		+19.9	
b, b′	−0.01		−0.07		−0.14		−0.07		−0.30		−0.10		−0.06		−0.10	

*) Bei Stern 11) und 12) lies Sept. 26

Tag	13) 12 Ceti AR.		13) 12 Ceti Dekl.		17) ζ Cassiopeiae AR.		17) ζ Cassiopeiae Dekl.		18) π Andromedae AR.		18) π Andromedae Dekl.		20) δ Andromedae AR.		20) δ Andromedae Dekl.	
1936	$0^h 26^m$		$-4° 18'$		$0^h 33^m$		$+53° 32'$		$0^h 33^m$		$+33° 22'$		$0^h 35^m$		$+30° 30'$	
Jan. 0	47.361	110	34.78	63	24.619	251	64.35	44	28.423	148	19.31	67	55.033	141	56.13	67
10	47.251	107	35.41	53	24.368	252	63.91	93	28.275	150	18.64	98	54.892	142	55.46	96
20	47.144	100	35.94	41	24.116	241	62.98	137	28.125	143	17.66	124	54.750	136	54.50	119
30	47.044	88	36.35	27	23.875	217	61.61	177	27.982	129	16.42	147	54.614	124	53.31	139
Feb. 9	46.956	71	36.62	11	23.658	184	59.84	209	27.853	107	14.95	161	54.490	103	51.92	151
19	46.885	49	36.73	8	23.474	139	57.75	232	27.746	79	13.34	170	54.387	77	50.41	159
29	46.836	21	36.65	29	23.335	84	55.43	245	27.667	43	11.64	171	54.310	41	48.82	157
März 10	46.815	12	36.36	51	23.251	21	52.98	247	27.624	0	9.93	163	54.269	2	47.25	148
20	46.827	49	35.85	75	23.230	47	50.51	239	27.624	47	8.30	147	54.267	45	45.77	132
30	46.876	88	35.10	99	23.277	117	48.12	221	27.671	96	6.83	124	54.312	92	44.45	109
Apr. 9	46.964	129	34.11	123	23.394	188	45.91	194	27.767	148	5.59	95	54.404	142	43.36	81
19	47.093	169	32.88	146	23.582	255	43.97	158	27.915	197	4.64	61	54.546	189	42.55	47
29	47.262	208	31.42	166	23.837	317	42.39	118	28.112	242	4.03	24	54.735	235	42.08	11
Mai 9	47.470	242	29.76	183	24.154	370	41.21	72	28.354	282	3.79	15	54.970	274	41.97	26
19	47.712	271	27.93	196	24.524	413	40.49	23	28.636	316	3.94	55	55.244	307	42.23	65
29	47.983	293	25.97	205	24.937	444	40.26	25	28.952	341	4.49	94	55.551	332	42.88	101
Juni 8	48.276	308	23.92	208	25.381	465	40.51	74	29.293	357	5.43	129	55.883	348	43.89	134
18	48.584	316	21.84	206	25.846	472	41.25	120	29.650	363	6.72	162	56.231	356	45.23	165
28	48.900	314	19.78	199	26.318	467	42.45	164	30.013	361	8.34	190	56.587	353	46.88	191
Juli 8	49.214	305	17.79	186	26.785	451	44.09	202	30.374	349	10.24	214	56.940	342	48.79	212
18	49.519	288	15.93	170	27.236	425	46.11	237	30.723	330	12.38	232	57.282	324	50.91	227
28	49.807	265	14.23	148	27.661	390	48.48	265	31.053	303	14.70	244	57.606	298	53.18	238
Aug. 7	50.072	236	12.75	123	28.051	347	51.13	287	31.356	270	17.14	251	57.904	267	55.56	241
17	50.308	202	11.52	97	28.398	300	54.00	304	31.626	234	19.65	253	58.171	232	57.97	244
27	50.510	167	10.55	70	28.698	247	57.04	314	31.860	195	22.18	250	58.403	194	60.41	237
Sept. 6	50.677	129	9.85	42	28.945	194	60.18	317	32.055	153	24.68	241	58.597	153	62.78	227
16	50.806	92	9.43	16	29.139	139	63.35	314	32.208	113	27.09	229	58.750	114	65.05	213
26	50.898	56	9.27	9	29.278	84	66.49	306	32.321	73	29.38	212	58.864	76	67.18	197
Okt. 5	28 50.954	23	9.36	30	29 29.362	32	69.55	291	29 32.394	36	31.50	193	30 58.940	38	69.15	177
15	50.977	8	9.66	47	29.394	18	72.46	269	32.430	0	33.43	169	58.978	5	70.92	153
25	50.969	33	10.13	62	29.376	66	75.15	244	32.430	31	35.12	144	58.983	26	72.45	129
Nov. 4	50.936	57	10.75	72	29.310	109	77.59	211	32.399	60	36.56	116	58.957	54	73.74	102
14	50.879	74	11.47	78	29.201	149	79.70	173	32.339	85	37.72	85	58.903	78	74.76	73
24	50.805	90	12.25	80	29.052	184	81.43	131	32.254	107	38.57	53	58.825	100	75.49	43
Dez. 4	50.715	101	13.05	80	28.868	213	82.74	84	32.147	125	39.10	19	58.725	117	75.92	11
14	50.614	108	13.85	76	28.655	236	83.58	36	32.022	140	39.29	15	58.608	132	76.03	20
24	50.506	112	14.61	70	28.419	250	83.94	15	31.882	149	39.14	49	58.476	141	75.83	51
34	50.394		15.31		28.169		83.79		31.733		38.65		58.335		75.32	
Mittl. Ort	46.357		38.86		23.636		41.75		27.411		2.23		53.998		39.94	
sec δ, tg δ	1.003		−0.075		1.683		+1.354		1.197		+0.659		1.161		+0.589	
a, *a'*	+3.1		+19.9		+3.3		+19.8		+3.2		+19.8		+3.2		+19.8	
b, *b'*	−0.01		−0.12		+0.09		−0.15		+0.04		−0.15		+0.04		−0.16	

Tag	21) α Cassiopeiae AR.		21) α Cassiopeiae Dekl.		22) β Ceti AR.		22) β Ceti Dekl.		25) ο Cassiopeiae AR.		25) ο Cassiopeiae Dekl.		24) 21 Cassiopeiae AR.		24) 21 Cassiopeiae Dekl.	
1936	$0^h\,36^m$		$+56°\,11'$		$0^h\,40^m$		$-18°\,19'$		$0^h\,41^m$		$+47°\,56'$		$0^h\,41^m$		$+74°\,38'$	
Jan. 0	52.732	276	35.07	35	23.748	124	76.21	51	10.021	211	24.92	44	24.16	70	45.10	6
10	52.456	277	34.72	87	23.624	123	76.72	26	9.810	213	24.48	88	23.46	69	45.16	55
20	52.179	264	33.85	134	23.501	117	76.98	0	9.597	206	23.60	129	22.77	67	44.61	114
30	51.915	242	32.51	175	23.384	106	76.98	27	9.391	189	22.31	164	22.10	62	43.47	169
Feb. 9	51.673	205	30.76	209	23.278	89	76.71	54	9.202	161	20.67	193	21.48	52	41.78	216
19	51.468	158	28.67	236	23.189	67	76.17	81	9.041	124	18.74	213	20.96	42	39.62	254
29	51.310	99	26.31	250	23.122	39	75.36	107	8.917	78	16.61	224	20.54	29	37.08	280
März 10	51.211	32	23.81	255	23.083	7	74.29	133	8.839	23	14.37	225	20.25	15	34.28	296
20	51.179	41	21.26	249	23.076	31	72.96	157	8.816	36	12.12	217	20.10	1	31.32	298
30	51.220	116	18.77	233	23.107	71	71.39	180	8.852	99	9.95	198	20.11	17	28.34	290
Apr. 9	51.336	192	16.44	206	23.178	113	69.59	200	8.951	162	7.97	171	20.28	32	25.44	269
19	51.528	264	14.38	172	23.291	157	67.59	216	9.113	224	6.26	138	20.60	47	22.75	239
29	51.792	329	12.66	131	23.448	196	65.43	228	9.337	280	4.88	99	21.07	60	20.36	201
Mai 9	52.121	386	11.35	86	23.644	234	63.15	235	9.617	329	3.89	55	21.67	71	18.35	155
19	52.507	433	10.49	37	23.878	266	60.80	239	9.946	371	3.34	10	22.38	81	16.80	104
29	52.940	467	10.12	13	24.144	292	58.41	235	10.317	401	3.24	36	23.19	87	15.76	51
Juni 8	53.407	489	10.25	62	24.436	310	56.06	225	10.718	421	3.60	81	24.06	91	15.25	5
18	53.896	497	10.87	110	24.746	322	53.81	212	11.139	430	4.41	125	24.97	93	15.30	59
28	54.393	493	11.97	155	25.068	323	51.69	190	11.569	428	5.66	164	25.90	93	15.89	112
Juli 8	54.886	478	13.52	196	25.391	317	49.79	165	11.997	415	7.30	199	26.83	90	17.01	162
18	55.364	450	15.48	232	25.708	303	48.14	136	12.412	393	9.29	230	27.73	85	18.63	209
28	55.814	415	17.80	262	26.011	281	46.78	103	12.805	363	11.59	255	28.58	78	20.72	250
Aug. 7	56.229	371	20.42	287	26.292	253	45.75	69	13.168	326	14.14	274	29.36	71	23.22	287
17	56.600	320	23.29	306	26.545	221	45.06	32	13.494	284	16.88	288	30.07	61	26.09	316
27	56.920	266	26.35	317	26.766	184	44.74	2	13.778	238	19.76	294	30.68	50	29.25	339
Sept. 6	57.186	210	29.52	323	26.950	145	44.76	36	14.016	190	22.70	296	31.18	40	32.64	356
16	57.396	151	32.75	322	27.095	106	45.12	67	14.206	141	25.66	292	31.58	28	36.20	364
26	57.547	94	35.97	316	27.201	68	45.79	92	^{1}14.347	93	28.58	281	31.86	15	39.84	367
Okt. 5	^{30}57.641	38	39.13	302	^{1}27.269	30	46.71	113	14.440	46	31.39	267	32.01	4	43.51	360
15	57.679	17	42.15	281	27.299	2	47.84	127	14.486	2	34.06	245	32.05	8	47.11	347
25	57.662	68	44.96	256	27.297	32	49.11	135	14.488	40	36.51	220	31.97	20	50.58	324
Nov. 4	57.594	115	47.52	224	27.265	58	50.46	137	14.448	79	38.71	190	31.77	31	53.82	295
14	57.479	159	49.76	186	27.207	80	51.83	132	14.369	114	40.61	154	31.46	41	56.77	257
24	57.320	198	51.62	144	27.127	97	53.15	123	14.255	145	42.15	116	31.05	51	59.34	211
Dez. 4	57.122	231	53.06	97	27.030	111	54.38	108	14.110	172	43.31	73	30.54	59	61.45	160
14	56.891	256	54.03	46	26.919	121	55.46	89	13.938	194	44.04	28	29.95	65	63.05	103
24	56.635	273	54.49	5	26.798	126	56.35	68	13.744	208	44.32	18	29.30	68	64.08	43
34	56.362		54.44		26.672		57.03		13.536		44.14		28.62		64.51	
Mittl. Ort	51.707		11.89		22.657		75.50		8.941		3.68		23.04		18.81	
sec δ, tg δ	1.797		+1.493		1.054		−0.331		1.493		+1.108		3.775		+3.640	
a, a'	+3.4		+19.8		+3.0		+19.7		+3.3		+19.7		+3.9		+19.7	
b, b'	+0.10		− 0.16		−0.02		− 0.18		+0.07		− 0.18		+0.24		− 0.18	

Scheinbare Sternörter 1936

Tag	27) ζ Andromedae AR.		27) ζ Andromedae Dekl.		32) γ Cassiopeiae AR.		32) γ Cassiopeiae Dekl.		33) μ Andromedae AR.		33) μ Andromedae Dekl.		35) α Sculptoris AR.		35) α Sculptoris Dekl.	
1936	$0^h 43^m$		+23° 55′		$0^h 52^m$		+60° 22′		$0^h 53^m$		+38° 9′		$0^h 55^m$		−29° 41′	
	s		″		s		″		s		″		s		″	
Jan. 0	57.587	128	23.56	66	51.01	32	38.04	9	12.789	163	27.93	46	32.523	151	75.83	45
10	57.459	130	22.90	87	50.69	33	37.95	63	12.626	168	27.47	82	32.372	151	76.28	9
20	57.329	127	22.03	106	50.36	32	37.32	113	12.458	166	26.65	114	32.221	146	76.37	27
30	57.202	117	20.97	118	50.04	30	36.19	161	12.292	154	25.51	141	32.075	136	76.10	63
Feb. 9	57.085	99	19.79	126	49.74	26	34.58	200	12.138	135	24.10	162	31.939	119	75.47	99
19	56.986	75	18.53	128	49.48	21	32.58	230	12.003	107	22.48	177	31.820	96	74.48	132
29	56.911	45	17.25	124	49.27	14	30.28	253	11.896	71	20.71	184	31.724	67	73.16	163
März 10	56.866	7	16.01	113	49.13	7	27.75	262	11.825	26	18.87	181	31.657	33	71.53	192
20	56.859	35	14.88	95	49.06	1	25.13	262	11.799	24	17.06	171	31.624	6	69.61	216
30	56.894	80	13.93	73	49.07	9	22.51	250	11.823	77	15.35	152	31.630	50	67.45	239
Apr. 9	56.974	126	13.20	46	49.16	18	20.01	228	11.900	131	13.83	126	31.680	96	65.06	255
19	57.100	173	12.74	14	49.34	26	17.73	199	12.031	185	12.57	96	31.776	141	62.51	268
29	57.273	216	12.60	19	49.60	34	15.74	160	12.216	236	11.61	59	31.917	185	59.83	275
Mai 9	57.489	255	12.79	52	49.94	41	14.14	117	12.452	281	11.02	20	32.102	228	57.08	275
19	57.744	287	13.31	87	50.35	46	12.97	70	12.733	320	10.82	20	32.330	264	54.33	270
29	58.031	313	14.18	117	50.81	50	12.27	19	13.053	348	11.02	60	32.594	295	51.63	259
Juni 8	58.344	330	15.35	147	51.31	54	12.08	31	13.401	370	11.62	99	32.889	318	49.04	241
18	58.674	339	16.82	170	51.85	55	12.39	80	13.771	380	12.61	134	33.207	333	46.63	216
28	59.013	339	18.52	192	52.40	54	13.19	127	14.151	381	13.95	169	33.540	339	44.47	188
Juli 8	59.352	330	20.44	206	52.94	54	14.46	172	14.532	372	15.64	194	33.879	337	42.59	152
18	59.682	314	22.50	217	53.48	51	16.18	211	14.904	356	17.58	219	34.216	325	41.07	114
28	59.996	291	24.67	221	53.99	48	18.29	246	15.260	332	19.77	237	34.541	305	39.93	73
Aug. 7	60.287	262	26.88	221	54.47	43	20.75	274	15.592	300	22.14	249	34.846	278	39.20	29
17	60.549	229	29.09	216	54.90	38	23.49	298	15.892	266	24.63	256	35.124	246	38.91	13
27	60.778	193	31.25	206	55.28	32	26.47	315	16.158	226	27.19	258	35.370	207	39.04	55
Sept. 6	60.971	156	33.31	194	55.60	26	29.62	326	16.384	185	29.77	254	35.577	167	39.59	93
16	61.127	118	35.25	177	55.86	20	32.88	329	16.569	144	32.31	246	35.744	125	40.52	127
26	61.245	82	37.02	159	56.06	14	36.17	327	16.713	102	34.77	235	35.869	82	41.79	154
Okt. 5	[2] 61.327	47	38.61	139	[4] 56.20	7	39.44	318	[4] 16.815	63	37.12	217	[5] 35.951	40	43.33	175
15	61.374	15	40.00	116	56.27	0	42.62	301	16.878	25	39.29	197	35.991	2	45.08	188
25	61.389	15	41.16	94	56.27	5	45.63	279	16.903	11	41.26	174	35.993	33	46.96	192
Nov. 4	61.374	41	42.10	69	56.22	10	48.42	250	16.892	44	43.00	146	35.960	64	48.88	188
14	61.333	65	42.79	45	56.12	17	50.92	215	16.848	74	44.46	117	35.896	90	50.76	176
24	61.268	85	43.24	19	55.95	21	53.07	173	16.774	101	45.63	83	35.806	113	52.52	158
Dez. 4	61.183	103	43.43	5	55.74	25	54.80	126	16.673	125	46.46	48	35.693	130	54.10	132
14	61.080	117	43.38	31	55.49	29	56.06	76	16.548	145	46.94	12	35.563	143	55.42	103
24	60.963	127	43.07	54	55.20	31	56.82	23	16.403	160	47.06	26	35.420	151	56.45	70
34	60.836		42.53		54.89		57.05		16.243		46.80		35.269		57.15	
Mittl. Ort	56.488		9.52		49.74		14.03		11.601		9.42		31.336		71.58	
sec δ, tg δ	1.094		+0.444		2.023		+1.758		1.272		+0.786		1.151		−0.570	
a, *a′*	+3.2		+19.7		+3.6		+19.5		+3.1		+19.5		+2.9		+19.5	
b, *b′*	+0.03		− 0.19		+0.11		− 0.23		+0.05		− 0.23		−0.04		− 0.24	

Tag	36) ε Piscium AR.		36) ε Piscium Dekl.		38) β Phoenicis AR.		38) β Phoenicis Dekl.		42) β Andromedae AR.		42) β Andromedae Dekl.		45) υ Piscium AR.		45) υ Piscium Dekl.	
1936	0h 59m		+7° 32′		1h 3m		−47° 3′		1h 6m		+35° 16′		1h 15m		+26° 55′	
Jan. 0	38.346	112	53.99	68	14.994	229	49.80	26	9.801	152	71.81	40	57.915	130	56.29	46
10	38.234	116	53.31	71	14.765	228	50.06	24	9.649	159	71.41	73	57.785	139	55.83	69
20	38.118	115	52.60	70	14.537	221	49.82	73	9.490	160	70.68	102	57.646	142	55.14	90
30	38.003	109	51.90	68	14.316	205	49.09	120	9.330	153	69.66	127	57.504	138	54.24	108
Feb. 9	37.894	97	51.22	60	14.111	182	47.89	164	9.177	137	68.39	148	57.366	126	53.16	120
19	37.797	77	50.62	52	13.929	153	46.25	204	9.040	112	66.91	161	57.240	105	51.96	127
29	37.720	52	50.10	37	13.776	117	44.21	240	8.928	79	65.30	167	57.135	77	50.69	129
März 10	37.668	19	49.73	20	13.659	73	41.81	270	8.849	38	63.63	166	57.058	42	49.40	123
20	37.649	17	49.53	0	13.586	25	39.11	294	8.811	10	61.97	156	57.016	1	48.17	111
30	37.666	59	49.53	24	13.561	28	36.17	313	8.821	60	60.41	138	57.017	47	47.06	93
Apr. 9	37.725	101	49.77	49	13.589	83	33.04	335	8.881	114	59.03	115	57.064	96	46.13	70
19	37.826	144	50.26	75	13.672	138	29.79	331	8.995	166	57.88	86	57.160	145	45.43	42
29	37.970	186	51.01	101	13.810	194	26.48	329	9.161	217	57.02	52	57.305	192	45.01	12
Mai 9	38.156	224	52.02	125	14.004	246	23.19	320	9.378	262	56.50	16	57.497	235	44.89	21
19	38.380	257	53.27	148	14.250	292	19.99	303	9.640	301	56.34	22	57.732	274	45.10	54
29	38.637	284	54.75	166	14.542	332	16.96	280	9.941	332	56.56	60	58.006	304	45.64	86
Juni 8	38.921	303	56.41	182	14.874	363	14.16	250	10.273	355	57.16	96	58.310	327	46.50	117
18	39.224	315	58.23	191	15.237	385	11.66	213	10.628	368	58.12	130	58.637	341	47.67	142
28	39.539	317	60.14	196	15.622	397	9.53	172	10.996	372	59.42	160	58.978	347	49.09	167
Juli 8	39.856	314	62.10	196	16.019	397	7.81	125	11.368	366	61.02	186	59.325	344	50.76	185
18	40.170	301	64.06	191	16.416	388	6.56	75	11.734	352	62.88	207	59.669	332	52.61	199
28	40.471	282	65.97	180	16.804	368	5.81	24	12.086	331	64.95	223	60.001	315	54.60	208
Aug. 7	40.753	258	67.77	167	17.172	337	5.57	29	12.417	303	67.18	235	60.316	289	56.68	212
17	41.011	228	69.44	149	17.509	299	5.86	79	12.720	270	69.53	240	60.605	261	58.80	211
27	41.239	196	70.93	128	17.808	254	6.65	127	12.990	235	71.93	240	60.866	228	60.91	206
Sept. 6	41.435	162	72.21	107	18.062	203	7.92	169	13.225	195	74.33	237	61.094	193	62.97	197
16	41.597	126	73.28	83	18.265	149	9.61	205	13.420	156	76.70	228	61.287	157	64.94	185
26	41.723	93	74.11	60	18.414	93	11.66	233	13.576	117	78.98	217	61.444	121	66.79	170
Okt. 6	41.816	59	74.71	39	18.507	39	13.99	251	13.693	79	81.15	200	61.565	86	68.49	152
15	[6] 41.875	29	75.10	18	[7] 18.546	14	16.50	259	[8] 13.772	42	83.15	182	[10] 61.651	52	70.01	134
25	41.904	1	75.28	1	18.532	62	19.09	256	13.814	7	84.97	159	61.703	20	71.35	112
Nov. 4	41.905	25	75.27	18	18.470	107	21.65	244	13.821	25	86.56	134	61.723	10	72.47	91
14	41.880	47	75.09	31	18.363	144	24.09	220	13.796	56	87.90	107	61.713	38	73.38	67
24	41.833	68	74.78	44	18.219	175	26.29	190	13.740	83	88.97	77	61.675	63	74.05	42
Dez. 4	41.765	84	74.34	53	18.044	201	28.19	151	13.657	108	89.74	45	61.612	88	74.47	18
14	41.681	99	73.81	62	17.843	218	29.70	107	13.549	130	90.19	12	61.524	107	74.65	7
24	41.582	110	73.19	68	17.625	229	30.77	59	13.419	147	90.31	22	61.417	125	74.58	33
34	41.472		72.51		17.396		31.36		13.272		90.09		61.292		74.25	
Mittl. Ort	37.149		45.65		13.718		41.04		8.507		54.24		56.572		41.43	
sec δ, tg δ	1.009		+0.132		1.468		−1.075		1.225		+0.708		1.122		+0.508	
a, *a'*	+3.1		+19.4		+2.7		+19.3		+3.3		+19.2		+3.3		+19.0	
b, *b'*	+0.01		− 0.26		−0.07		− 0.27		+0.05		− 0.28		+0.03		− 0.33	

Tag	47) ϑ Ceti				48) δ Cassiopeiae			
	AR.		Dekl.		AR.		Dekl.	
1936	$1^h 20^m$		−8° 30′		$1^h 21^m$		+59° 54′	
Jan. 0	50.730	115	44.51	74	38.360	302	35.74	24
10	50.615	123	45.25	58	38.058	319	35.98	29
20	50.492	125	45.83	41	37.739	323	35.69	81
30	50.367	121	46.24	20	37.416	312	34.88	129
Feb. 9	50.246	112	46.44	0	37.104	285	33.59	171
19	50.134	96	46.44	22	36.819	242	31.88	206
29	50.038	72	46.22	45	36.577	187	29.82	233
März 10	49.966	43	45.77	69	36.390	119	27.49	249
20	49.923	9	45.08	93	36.271	41	25.00	255
30	49.914	32	44.15	118	36.230	41	22.45	250
Apr. 9	49.946	73	42.97	140	36.271	128	19.95	235
19	50.019	117	41.57	162	36.399	213	17.60	211
29	50.136	159	39.95	181	36.612	292	15.49	178
Mai 9	50.295	200	38.14	196	36.904	364	13.71	141
19	50.495	235	36.18	208	37.268	428	12.30	97
29	50.730	265	34.10	214	37.696	477	11.33	50
Juni 8	50.995	289	31.96	216	38.173	515	10.83	3
18	51.284	304	29.80	212	38.688	539	10.80	46
28	51.588	313	27.68	201	39.227	548	11.26	91
Juli 8	51.901	312	25.67	187	39.775	545	12.17	136
18	52.213	304	23.80	166	40.320	530	13.53	177
28	52.517	290	22.14	141	40.850	502	15.30	213
Aug. 7	52.807	268	20.73	114	41.352	467	17.43	245
17	53.075	242	19.59	83	41.819	421	19.88	270
27	53.317	211	18.76	52	42.240	372	22.58	291
Sept. 6	53.528	178	18.24	20	42.612	316	25.49	305
16	53.706	144	18.04	11	42.928	257	28.54	314
26	53.850	109	18.15	38	43.185	196	31.68	315
Okt. 6	53.959	76	18.53	63	43.381	135	34.83	312
15	[11]54.035	43	19.16	82	[12]43.516	74	37.95	301
25	54.078	13	19.98	97	43.590	12	40.96	283
Nov. 4	54.091	14	20.95	107	43.602	48	43.79	260
14	54.077	39	22.02	111	43.554	106	46.39	230
24	54.038	62	23.13	111	43.448	160	48.69	194
Dez. 4	53.976	81	24.24	105	43.288	211	50.63	151
14	53.895	99	25.29	97	43.077	254	52.14	104
24	53.796	112	26.26	85	42.823	289	53.18	54
34	53.684		27.11		42.534		53.72	
Mittl. Ort	49.417		47.18		36.658		12.20	
sec δ, tg δ	1.011		−0.150		1.994		+1.725	
a, *a′*	+3.0		+18.8		+3.9		+18.8	
b, *b′*	−0.01		− 0.35		+0.11		− 0.35	

Tag	50) η Piscium				51) 40 Cassiopeiae			
	AR.		Dekl.		AR.		Dekl.	
1936	$1^h 28^m$		+15° 0′		$1^h 33^m$		+72° 42′	
Jan. 0	4.668	113	69.79	57	24.03	57	78.76	70
10	4.555	123	69.22	67	23.46	60	79.46	10
20	4.432	129	68.55	75	22.86	62	79.56	50
30	4.303	126	67.80	80	22.24	59	79.06	107
Feb. 9	4.177	119	67.00	81	21.65	56	77.99	160
19	4.058	102	66.19	78	21.09	48	76.39	205
29	3.956	78	65.41	72	20.61	38	74.34	242
März 10	3.878	47	64.69	60	20.23	28	71.92	268
20	3.831	10	64.09	44	19.95	14	69.24	283
30	3.821	32	63.65	24	19.81	0	66.41	287
Apr. 9	3.853	77	63.41	1	19.81	13	63.54	280
19	3.930	122	63.40	24	19.94	28	60.74	261
29	4.052	167	63.64	51	20.22	42	58.13	233
Mai 9	4.219	209	64.15	78	20.64	53	55.80	198
19	4.428	246	64.93	104	21.17	63	53.82	156
29	4.674	277	65.97	128	21.80	73	52.26	108
Juni 8	4.951	301	67.25	148	22.53	79	51.18	59
18	5.252	316	68.73	165	23.32	83	50.59	7
28	5.568	324	70.38	178	24.15	86	50.52	44
Juli 8	5.892	324	72.16	186	25.01	86	50.96	95
18	6.216	315	74.02	188	25.87	84	51.91	143
28	6.531	301	75.90	186	26.71	80	53.34	187
Aug. 7	6.832	279	77.76	180	27.51	76	55.21	227
17	7.111	253	79.56	169	28.27	69	57.48	263
27	7.364	224	81.25	155	28.96	62	60.11	292
Sept. 6	7.588	192	82.80	138	29.58	53	63.03	316
16	7.780	159	84.18	119	30.11	44	66.19	333
26	7.939	125	85.37	100	30.55	34	69.52	345
Okt. 6	8.064	93	86.37	79	30.89	23	72.97	348
15	[13]8.157	62	87.16	60	[15]31.12	12	76.45	344
25	8.219	31	87.76	41	31.24	2	79.89	333
Nov. 4	8.250	3	88.17	22	31.26	9	83.22	313
14	8.253	23	88.39	6	31.17	20	86.35	286
24	8.230	47	88.45	11	30.97	30	89.21	251
Dez. 4	8.183	70	88.34	26	30.67	40	91.72	208
14	8.113	90	88.08	39	30.27	48	93.80	159
24	8.023	107	87.69	52	29.79	54	95.39	104
34	7.916		87.17		29.25		96.43	
Mittl. Ort	3.277		59.02		21.56		53.44	
sec δ, tg δ	1.035		+0.268		3.366		+3.214	
a, *a′*	+3.2		+18.6		+4.8		+18.4	
b, *b′*	+0.02		− 0.37		+0.20		− 0.40	

Tag	52) υ Persei AR.	Diff.	52) υ Persei Dekl.	Diff.	54) α Eridani AR.	Diff.	54) α Eridani Dekl.	Diff.	55) 43 Cassiopeiae AR.	Diff.	55) 43 Cassiopeiae Dekl.	Diff.	57) φ Persei AR.	Diff.	57) φ Persei Dekl.	Diff.
1936	1h 34m		+48° 18′		1h 35m		−57° 33′		1h 37m		+67° 43′		1h 39m		+50° 22′	
	s		″		s		″		s		″		s		″	
Jan. 0	4.796	199	37.47	8	21.605	329	52.02	49	36.52	42	37.59	62	39.941	209	22.56	20
10	4.597	216	37.55	34	21.276	336	52.51	8	36.10	45	38.21	5	39.732	229	22.76	25
20	4.381	224	37.21	76	20.940	333	52.43	64	35.65	46	38.26	52	39.503	238	22.51	69
30	4.157	221	36.45	115	20.607	321	51.79	117	35.19	45	37.74	106	39.265	236	21.82	110
Feb. 9	3.936	206	35.30	149	20.286	297	50.62	168	34.74	43	36.68	156	39.029	221	20.72	146
19	3.730	179	33.81	177	19.989	265	48.94	214	34.31	37	35.12	198	38.808	196	19.26	175
29	3.551	142	32.04	196	19.724	222	46.80	255	33.94	29	33.14	234	38.612	156	17.51	199
März 10	3.409	93	30.08	208	19.502	172	44.25	289	33.65	21	30.80	257	38.456	107	15.52	212
20	3.316	37	28.00	210	19.330	114	41.36	317	33.44	11	28.23	271	38.349	48	13.40	216
30	3.279	25	25.90	203	19.216	50	38.19	338	33.33	0	25.52	274	38.301	16	11.24	211
Apr. 9	3.304	91	23.87	188	19.166	18	34.81	352	33.33	11	22.78	265	38.317	84	9.13	197
19	3.395	156	21.99	163	19.184	89	31.29	358	33.44	22	20.13	247	38.401	153	7.16	176
29	3.551	220	20.36	134	19.273	159	27.71	357	33.66	33	17.66	218	38.554	220	5.40	146
Mai 9	3.771	278	19.02	98	19.432	226	24.14	347	33.99	43	15.48	184	38.774	280	3.94	112
19	4.049	329	18.04	59	19.658	290	20.67	329	34.42	51	13.64	142	39.054	335	2.82	72
29	4.378	371	17.45	18	19.948	346	17.38	305	34.93	58	12.22	97	39.389	379	2.10	32
Juni 8	4.749	404	17.27	24	20.294	394	14.33	272	35.51	64	11.25	48	39.768	414	1.78	11
18	5.153	425	17.51	65	20.688	430	11.61	233	36.15	67	10.77	2	40.182	437	1.89	53
28	5.578	436	18.16	105	21.118	456	9.28	188	36.82	69	10.79	51	40.619	450	2.42	94
Juli 8	6.014	435	19.21	142	21.574	469	7.40	136	37.51	70	11.30	100	41.069	451	3.36	131
18	6.449	426	20.63	174	22.043	468	6.04	83	38.21	68	12.30	145	41.520	443	4.67	166
28	6.875	407	22.37	202	22.511	456	5.21	26	38.89	66	13.75	187	41.963	425	6.33	196
Aug. 7	7.282	381	24.39	227	22.967	429	4.95	31	39.55	62	15.62	225	42.388	398	8.29	223
17	7.663	347	26.66	245	23.396	392	5.26	88	40.17	56	17.87	257	42.786	365	10.52	242
27	8.010	309	29.11	258	23.788	344	6.14	141	40.73	50	20.44	285	43.151	327	12.94	258
Sept. 6	8.319	268	31.69	266	24.132	286	7.55	189	41.23	44	23.29	306	43.478	285	15.52	269
16	8.587	223	34.35	269	24.418	223	9.44	230	41.67	37	26.35	322	43.763	239	18.21	273
26	8.810	179	37.04	268	24.641	155	11.74	263	42.04	29	29.57	331	44.002	194	20.94	273
Okt. 6	8.989	132	39.72	259	24.796	85	14.37	286	42.33	20	32.88	333	44.196	145	23.67	268
15*)	15 9.121	87	42.31	248	15 24.881	15	17.23	298	42.53	13	36.21	328	44.341	99	26.35	257
25	9.208	42	44.79	231	24.896	53	20.21	297	16 42.66	4	39.49	316	16 44.440	50	28.92	241
Nov. 4	9.250	2	47.10	208	24.843	117	23.18	285	42.70	5	42.65	297	44.490	4	31.33	220
14	9.248	45	49.18	182	24.726	174	26.03	262	42.65	12	45.62	269	44.494	41	33.53	195
24	9.203	86	51.00	150	24.552	223	28.65	229	42.53	21	48.31	236	44.453	86	35.48	162
Dez. 4	9.117	124	52.50	115	24.329	266	30.94	187	42.32	28	50.67	194	44.367	127	37.10	128
14	8.993	159	53.65	76	24.063	299	32.81	139	42.04	34	52.61	147	44.240	164	38.38	88
24	8.834	187	54.41	34	23.764	321	34.20	86	41.70	40	54.08	94	44.076	196	39.26	45
34	8.647		54.75		23.443		35.06		41.30		55.02		43.880		39.71	
Mittl. Ort	3.131		16.75		20.023		41.54		34.28		13.08		38.183		1.48	
sec δ, tg δ	1.503		+1.123		1.864		−1.573		2.638		+2.441		1.568		+1.207	
a, *a′*	+3.7		+18.4		+2.2		+18.3		+4.4		+18.3		+3.8		+18.2	
b, *b′*	+0.07		−0.40		−0.10		−0.40		+0.15		−0.41		+0.07		−0.42	

*) Bei Stern 55) und 57) lies Okt. 16

Scheinbare Sternörter 1936

Tag	59) τ Ceti ¹) AR.		59) τ Ceti ¹) Dekl.		60) ο Piscium AR.		60) ο Piscium Dekl.	
1936	1ʰ 41ᵐ		−16° 15′		1ʰ 42ᵐ		+8° 50′	
Jan. 0	7.078	126	86.58	79	2.117	108	19.10	63
10	6.952	137	87.37	54	2.009	119	18.47	65
20	6.815	142	87.91	28	1.890	127	17.82	66
30	6.673	141	88.19	0	1.763	128	17.16	64
Feb. 9	6.532	132	88.19	28	1.635	122	16.52	59
19	6.400	119	87.91	56	1.513	108	15.93	52
29	6.281	96	87.35	85	1.405	87	15.41	40
März 10	6.185	68	86.50	112	1.318	59	15.01	27
20	6.117	34	85.38	138	1.259	24	14.74	9
30	6.083	7	84.00	163	1.235	17	14.65	12
Apr. 9	6.090	49	82.37	185	1.252	60	14.77	34
19	6.139	93	80.52	206	1.312	105	15.11	58
29	6.232	138	78.46	221	1.417	150	15.69	83
Mai 9	6.370	181	76.25	234	1.567	191	16.52	106
19	6.551	218	73.91	239	1.758	230	17.58	128
29	6.769	252	71.52	242	1.988	261	18.86	148
Juni 8	7.021	279	69.10	237	2.249	287	20.34	163
18	7.300	298	66.73	226	2.536	305	21.97	175
28	7.598	310	64.47	210	2.841	315	23.72	182
Juli 8	7.908	313	62.37	187	3.156	317	25.54	184
18	8.221	308	60.50	161	3.473	312	27.38	181
28	8.529	296	58.89	129	3.785	299	29.19	173
Aug. 7	8.825	277	57.60	95	4.084	281	30.92	161
17	9.102	254	56.65	57	4.365	258	32.53	146
27	9.356	223	56.08	20	4.623	229	33.99	126
Sept. 6	9.579	192	55.88	17	4.852	200	35.25	105
16	9.771	158	56.05	51	5.052	168	36.30	84
26	9.929	122	56.56	82	5.220	136	37.14	61
Okt. 6	10.051	87	57.38	109	5.356	104	37.75	40
16	10.138	53	58.47	129	5.460	74	38.15	19
25	[16] 10.191	21	59.76	143	[17] 5.534	43	38.34	1
Nov. 4	10.212	9	61.19	150	5.577	16	38.35	14
14	10.203	38	62.69	150	5.593	12	38.21	29
24	10.165	62	64.19	145	5.581	37	37.92	40
Dez. 4	10.103	85	65.64	132	5.544	60	37.52	49
14	10.018	105	66.96	116	5.484	81	37.03	57
24	9.913	122	68.12	96	5.403	101	36.46	62
34	9.791		69.08		5.302		35.84	
Mittl. Ort	5.674		86.52		0.656		10.59	
sec δ, tg δ	1.042		−0.292		1.012		+0.155	
a, *a'*	+2.9		+18.1		+3.2		+18.1	
b, *b'*	−0.02		− 0.43		+0.01		− 0.43	

Tag	61) Lac. ε Sculptoris AR.		61) Lac. ε Sculptoris Dekl.		62) ζ Ceti AR.		62) ζ Ceti Dekl.	
1936	1ʰ 42ᵐ		−25° 21′		1ʰ 48ᵐ		−10° 38′	
Jan. 0	40.285	140	82.82	85	19.478	114	60.20	84
10	40.145	151	83.67	52	19.364	127	61.04	65
20	39.994	155	84.19	17	19.237	133	61.69	45
30	39.839	155	84.36	18	19.104	135	62.14	22
Feb. 9	39.684	146	84.18	54	18.969	130	62.36	0
19	39.538	131	83.64	87	18.839	117	62.36	26
29	39.407	109	82.77	121	18.722	97	62.10	50
März 10	39.298	79	81.56	152	18.625	69	61.60	75
20	39.219	44	80.04	181	18.556	37	60.85	101
30	39.175	2	78.23	207	18.519	3	59.84	125
Apr. 9	39.173	42	76.16	228	18.522	44	58.59	149
19	39.215	88	73.88	247	18.566	89	57.10	170
29	39.303	135	71.41	260	18.655	132	55.40	189
Mai 9	39.438	179	68.81	267	18.787	175	53.51	204
19	39.617	220	66.14	270	18.962	214	51.47	215
29	39.837	256	63.44	264	19.176	248	49.32	221
Juni 8	40.093	286	60.80	254	19.424	274	47.11	222
18	40.379	307	58.26	237	19.698	295	44.89	217
28	40.686	320	55.89	213	19.993	307	42.72	206
Juli 8	41.006	327	53.76	183	20.300	312	40.66	190
18	41.333	323	51.93	149	20.612	309	38.76	168
28	41.656	313	50.44	110	20.921	298	37.08	142
Aug. 7	41.969	294	49.34	69	21.219	281	35.66	112
17	42.263	269	48.65	25	21.500	259	34.54	80
27	42.532	240	48.40	17	21.759	232	33.74	45
Sept. 6	42.772	206	48.57	59	21.991	201	33.29	12
16	42.978	169	49.16	97	22.192	169	33.17	21
26	43.147	132	50.13	130	22.361	136	33.38	52
Okt. 6	43.279	94	51.43	158	22.497	102	33.90	78
16	43.373	57	53.01	178	22.599	71	34.68	99
25	[17] 43.430	22	54.79	191	[18] 22.670	38	35.67	115
Nov. 4	43.452	12	56.70	194	22.708	10	36.82	126
14	43.440	43	58.64	190	22.718	19	38.08	130
24	43.397	70	60.54	179	22.699	44	39.38	128
Dez. 4	43.327	96	62.33	160	22.655	68	40.66	122
14	43.231	117	63.93	136	22.587	89	41.88	112
24	43.114	134	65.29	107	22.498	108	43.00	97
34	42.980		66.36		22.390		43.97	
Mittl. Ort	38.845		80.08		18.016		62.10	
sec δ, tg δ	1.107		−0.474		1.018		−0.188	
a, *a'*	+2.8		+18.1		+3.0		+17.8	
b, *b'*	−0.03		− 0.43		−0.01		− 0.46	

¹) Die jährliche Parallaxe (0.″315) ist bereits berücksichtigt.

Tag	64) α Trianguli AR.		Dekl.		63) ε Cassiopeiae AR.		Dekl.		65) ξ Piscium AR.		Dekl.		67) ψ Phoenicis AR.		Dekl.	
1936	1h 49m		+29° 16′		1h 49m		+63° 21′		1h 50m		+2° 52′		1h 51m		−46° 36′	
Jan. 0	27.236s	126	19.21″	24	48.32s	33	44.75″	64	15.891s	106	26.22″	71	6.437s	229	65.21″	83
10	27.110	143	18.97	48	47.99	36	45.39	11	15.785	118	25.51	66	6.208	241	66.04	32
20	26.967	152	18.49	70	47.63	38	45.50	42	15.667	128	24.85	61	5.967	245	66.36	19
30	26.815	156	17.79	92	47.25	37	45.08	95	15.539	129	24.24	51	5.722	241	66.17	69
Feb. 9	26.659	149	16.87	107	46.88	36	44.13	142	15.410	125	23.73	42	5.481	229	65.48	117
19	26.510	133	15.80	120	46.52	31	42.71	184	15.285	113	23.31	28	5.252	208	64.31	163
29	26.377	110	14.60	126	46.21	27	40.87	217	15.172	93	23.03	13	5.044	179	62.68	203
März 10	26.267	76	13.34	126	45.94	19	38.70	241	15.079	66	22.90	4	4.865	141	60.65	240
20	26.191	35	12.08	120	45.75	10	36.29	255	15.013	32	22.94	25	4.724	97	58.25	272
30	26.156	11	10.88	107	45.65	2	33.74	259	14.981	6	23.19	46	4.627	46	55.53	296
Apr. 9	26.167	61	9.81	89	45.63	8	31.15	252	14.987	49	23.65	68	4.581	8	52.57	317
19	26.228	112	8.92	67	45.71	17	28.63	234	15.036	94	24.33	92	4.589	67	49.40	329
29	26.340	163	8.25	39	45.88	27	26.29	209	15.130	138	25.25	115	4.656	124	46.11	335
Mai 9	26.503	210	7.86	9	46.15	35	24.20	176	15.268	179	26.40	136	4.780	180	42.76	333
19	26.713	253	7.77	22	46.50	43	22.44	137	15.447	219	27.76	154	4.960	233	39.43	324
29	26.966	290	7.99	53	46.93	49	21.07	94	15.666	251	29.30	170	5.193	280	36.19	306
Juni 8	27.256	317	8.52	83	47.42	54	20.13	48	15.917	278	31.00	181	5.473	321	33.13	283
18	27.573	338	9.35	111	47.96	58	19.65	0	16.195	297	32.81	187	5.794	352	30.30	251
28	27.911	350	10.46	136	48.54	60	19.65	46	16.492	309	34.68	189	6.146	375	27.79	212
Juli 8	28.261	352	11.82	156	49.14	60	20.11	92	16.801	312	36.57	186	6.521	386	25.67	169
18	28.613	348	13.38	174	49.74	60	21.03	136	17.113	309	38.43	177	6.907	388	23.98	120
28	28.961	334	15.12	186	50.34	58	22.39	175	17.422	298	40.20	163	7.295	380	22.78	68
Aug. 7	29.295	315	16.98	194	50.92	55	24.14	212	17.720	282	41.83	146	7.675	360	22.10	14
17	29.610	290	18.92	196	51.47	51	26.26	242	18.002	258	43.29	124	8.035	334	21.96	41
27	29.900	262	20.88	196	51.98	46	28.68	268	18.260	233	44.53	101	8.369	297	22.37	94
Sept. 6	30.162	230	22.84	191	52.44	40	31.36	289	18.493	203	45.54	76	8.666	255	23.31	142
16	30.392	196	24.75	182	52.84	34	34.25	303	18.696	173	46.30	50	8.921	208	24.73	187
26	30.588	163	26.57	171	53.18	28	37.28	312	18.869	141	46.80	26	9.129	157	26.60	223
Okt. 6	30.751	127	28.28	157	53.46	21	40.40	315	19.010	110	47.06	2	9.286	104	28.83	252
16	30.878	93	29.85	142	53.67	14	43.55	310	19.120	78	47.08	19	9.390	52	31.35	269
	19				19				19				19			
25	30.971	60	31.27	124	53.81	7	46.65	299	19.198	49	46.89	37	9.442	2	34.04	276
Nov. 4	31.031	26	32.51	104	53.88	0	49.64	282	19.247	21	46.52	51	9.444	47	36.80	273
14	31.057	5	33.55	84	53.88	6	52.46	258	19.268	7	46.01	61	9.397	93	39.53	258
24	31.052	35	34.39	63	53.82	14	55.04	225	19.261	32	45.40	70	9.304	132	42.11	234
Dez. 4	31.017	66	35.02	39	53.68	20	57.29	188	19.229	57	44.70	73	9.172	168	44.45	201
14	30.951	92	35.41	15	53.48	26	59.17	144	19.172	79	43.97	75	9.004	197	46.46	161
24	30.859	116	35.56	10	53.22	31	60.61	95	19.093	98	43.22	75	8.807	220	48.07	115
34	30.743		35.46		52.91		61.56		18.995		42.47		8.587		49.22	
Mittl. Ort	25.627		4.14		46.07		21.32		14.398		19.81		4.862		57.04	
sec δ, tg δ	1.146		+0.560		2.230		+1.993		1.001		+0.050		1.456		−1.058	
a, a′	+3.4		+17.8		+4.3		+17.8		+3.1		+17.8		+2.4		+17.7	
b, b′	+0.03		− 0.46		+0.12		− 0.46		0.00		− 0.46		−0.06		− 0.47	

Scheinbare Sternörter 1936

Tag	66) β Arietis				68) χ Eridani				72) α Hydri				71) υ Ceti			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	1h 51m		+20° 29′		1h 53m		−51° 55′		1h 56m		−61° 52′		1h 56m		−21° 22′	
Jan. 0	7.527	112	57.64	41	29.652	268	47.58	79	46.97	39	62.21	71	60.867	129	75.48	94
10	7.415	128	57.23	56	29.384	280	48.37	26	46.58	40	62.92	13	60.738	143	76.42	66
20	7.287	138	56.67	70	29.104	285	48.63	28	46.18	41	63.05	45	60.595	151	77.08	33
30	7.149	140	55.97	80	28.819	279	48.35	81	45.77	40	62.60	102	60.444	153	77.41	1
Feb. 9	7.009	136	55.17	88	28.540	265	47.54	132	45.37	38	61.58	155	60.291	148	77.42	32
19	6.873	122	54.29	92	28.275	241	46.22	179	44.99	35	60.03	203	60.143	135	77.10	65
29	6.751	100	53.37	90	28.034	208	44.43	221	44.64	30	58.00	248	60.008	115	76.45	96
März 10	6.651	70	52.47	85	27.826	167	42.22	258	44.34	24	55.52	284	59.893	88	75.49	127
20	6.581	33	51.62	74	27.659	118	39.64	290	44.10	19	52.68	316	59.805	54	74.22	155
30	6.548	9	50.88	57	27.541	63	36.74	314	43.91	12	49.52	339	59.751	15	72.67	182
Apr. 9	6.557	56	50.31	38	27.478	3	33.60	334	43.79	3	46.13	356	59.736	28	70.85	205
19	6.613	104	49.93	15	27.475	61	30.26	345	43.76	4	42.57	364	59.764	75	68.80	225
29	6.717	151	49.78	12	27.536	124	26.81	348	43.80	12	38.93	365	59.839	120	66.55	241
Mai 9	6.868	196	49.90	39	27.660	185	23.33	345	43.92	20	35.28	358	59.959	165	64.14	252
19	7.064	236	50.29	66	27.845	244	19.88	334	44.12	27	31.70	342	60.124	207	61.62	257
29	7.300	271	50.95	92	28.089	297	16.54	314	44.39	35	28.28	318	60.331	242	59.05	257
Juni 8	7.571	298	51.87	116	28.386	341	13.40	287	44.74	40	25.10	287	60.573	273	56.48	249
18	7.869	318	53.03	138	28.727	378	10.53	252	45.14	44	22.23	248	60.846	296	53.99	236
28	8.187	330	54.41	155	29.105	403	8.01	212	45.58	49	19.75	204	61.142	311	51.63	217
Juli 8	8.517	332	55.96	168	29.508	418	5.89	165	46.07	51	17.71	152	61.453	319	49.46	191
18	8.849	328	57.64	177	29.926	422	4.24	113	46.58	51	16.19	98	61.772	318	47.55	161
28	9.177	317	59.41	181	30.348	414	3.11	59	47.09	52	15.21	39	62.090	309	45.94	125
Aug. 7	9.494	298	61.22	179	30.762	395	2.52	3	47.61	49	14.82	20	62.399	294	44.69	86
17	9.792	275	63.01	175	31.157	366	2.49	54	48.10	45	15.02	78	62.693	272	43.83	46
27	10.067	248	64.76	167	31.523	327	3.03	108	48.55	41	15.80	134	62.965	244	43.37	4
Sept. 6	10.315	218	66.43	154	31.850	281	4.11	158	48.96	35	17.14	186	63.209	214	43.33	37
16	10.533	186	67.97	140	32.131	229	5.69	204	49.31	28	19.00	232	63.423	180	43.70	74
26	10.719	154	69.37	124	32.360	172	7.73	240	49.59	21	21.32	267	63.603	145	44.44	109
Okt. 6	10.873	122	70.61	107	32.532	113	10.13	267	49.80	13	23.99	294	63.748	110	45.53	138
16	10.995	89	71.68	89	32.645	54	12.80	285	49.93	5	26.93	310	63.858	74	46.91	159
25	19 11.084	58	72.57	71	20 32.699	5	15.65	291	20 49.98	3	30.03	313	21 63.932	40	48.50	175
Nov. 4	11.142	28	73.28	53	32.694	61	18.56	286	49.95	11	33.16	304	63.972	7	50.25	182
14	11.170	1	73.81	36	32.633	111	21.42	269	49.84	18	36.20	283	63.979	23	52.07	182
24	11.169	30	74.17	17	32.522	158	24.11	241	49.66	24	39.03	252	63.956	52	53.89	173
Dez. 4	11.139	56	74.34	1	32.364	199	26.52	206	49.42	30	41.55	211	63.904	79	55.62	159
14	11.083	82	74.35	17	32.165	231	28.58	163	49.12	35	43.66	162	63.825	102	57.21	139
24	11.001	104	74.18	33	31.934	258	30.21	113	48.77	37	45.28	109	63.723	121	58.60	114
34	10.897		73.85		31.676		31.34		48.40		46.37		63.602		59.74	
Mittl. Ort	5.962		45.37		28.012		38.38		45.15		51.44		59.357		73.99	
sec δ, tg δ	1.068		+0.374		1.622		−1.277		2.122		−1.871		1.074		−0.392	
a, *a′*	+3.3		+17.7		+2.3		+17.6		+1.9		+17.5		+2.8		+17.5	
b, *b′*	+0.02		− 0.47		−0.07		− 0.48		−0.11		− 0.49		−0.02		− 0.49	

Tag	70) 50 Cassiopeiae				73) γ Andromedae				74) α Arietis				75) β Trianguli			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$1^h\ 57^m$		$+72°6'$		$1^h\ 59^m$		$+42°\ 1'$		$2^h\ 3^m$		$+23°\ 9'$		$2^h\ 5^m$		$+34°41'$	
Jan. 0	$58^s.63$	52	$70''.67$	98	$59^s.510$	157	$42''.83$	16	$35^s.266$	111	$51''.41$	31	$45^s.449$	132	$23''.95$	0
10	58.11	56	71.65	41	59.353	179	42.99	21	35.155	130	51.10	47	45.317	153	23.95	28
20	57.55	60	72.06	19	59.174	194	42.78	55	35.025	142	50.63	64	45.164	167	23.67	57
30	56.95	59	71.87	76	58.980	198	42.23	90	34.883	148	49.99	78	44.997	173	23.10	83
Feb. 9	56.36	56	71.11	130	58.782	191	41.33	119	34.735	144	49.21	88	44.824	169	22.27	106
19	55.80	51	69.81	179	58.591	175	40.14	144	34.591	133	48.33	95	44.655	156	21.21	124
29	55.29	43	68.02	220	58.416	146	38.70	162	34.458	112	47.38	98	44.499	132	19.97	136
März 10	54.86	32	65.82	251	58.270	107	37.08	173	34.346	83	46.40	94	44.367	98	18.61	143
20	54.54	20	63.31	272	58.163	60	35.35	177	34.263	46	45.46	86	44.269	56	17.18	142
30	54.34	8	60.59	281	58.103	5	33.58	171	34.217	3	44.60	73	44.213	9	15.76	134
Apr. 9	54.26	6	57.78	280	58.098	53	31.87	159	34.214	44	43.87	55	44.204	45	14.42	120
19	54.32	20	54.98	267	58.151	113	30.28	139	34.258	93	43.32	34	44.249	99	13.22	100
29	54.52	34	52.31	245	58.264	172	28.89	113	34.351	142	42.98	8	44.348	154	12.22	76
Mai 9	54.86	46	49.86	215	58.436	229	27.76	83	34.493	188	42.90	19	44.502	205	11.46	46
19	55.32	56	47.71	177	58.665	278	26.93	49	34.681	231	43.09	46	44.707	252	11.00	16
29	55.88	67	45.94	134	58.943	321	26.44	13	34.912	268	43.55	73	44.959	292	10.84	17
Juni 8	56.55	73	44.60	87	59.264	355	26.31	23	35.180	296	44.28	98	45.251	325	11.01	49
18	57.28	80	43.73	39	59.619	380	26.54	60	35.476	319	45.26	121	45.576	348	11.50	80
28	58.08	82	43.34	12	59.999	396	27.14	93	35.795	332	46.47	141	45.924	363	12.30	108
Juli 8	58.90	85	43.46	62	60.395	401	28.07	125	36.127	337	47.88	156	46.287	370	13.38	134
18	59.75	83	44.08	109	60.796	397	29.32	153	36.464	335	49.44	168	46.657	367	14.72	156
28	60.58	82	45.17	154	61.193	385	30.85	178	36.799	325	51.12	174	47.024	357	16.28	174
Aug. 7	61.40	78	46.71	196	61.578	365	32.63	197	37.124	309	52.86	177	47.381	339	18.02	187
17	62.18	72	48.67	233	61.943	340	34.60	212	37.433	288	54.63	174	47.720	317	19.89	196
27	62.90	67	51.00	265	62.283	309	36.72	222	37.721	261	56.37	169	48.037	289	21.85	200
Sept. 6	63.57	58	53.65	293	62.592	275	38.94	229	37.982	233	58.06	159	48.326	258	23.85	201
16	64.15	51	56.58	313	62.867	237	41.23	231	38.215	202	59.65	148	48.584	225	25.86	198
26	64.66	41	59.71	328	63.104	199	43.54	227	38.417	169	61.13	134	48.809	190	27.84	191
Okt. 6	65.07	31	62.99	336	63.303	160	45.81	221	38.586	138	62.47	119	48.999	154	29.75	182
16	65.38	21	66.35	338	63.463	119	48.02	211	38.724	105	63.66	102	49.153	119	31.57	169
25	[21] 65.59	10	69.73	332	[21] 63.582	80	50.13	196	[22] 38.829	74	64.68	85	[23] 49.272	83	33.26	154
Nov. 4	65.69	0	73.05	317	63.662	39	52.09	179	38.903	42	65.53	68	49.355	47	34.80	137
14	65.69	11	76.22	294	63.701	1	53.88	156	38.945	11	66.21	51	49.402	11	36.17	117
24	65.58	22	79.16	265	63.700	39	55.44	132	38.956	19	66.72	32	49.413	23	37.34	94
Dez. 4	65.36	32	81.81	227	63.661	78	56.76	102	38.937	48	67.04	15	49.390	58	38.28	71
14	65.04	41	84.08	182	63.583	112	57.78	70	38.889	76	67.19	3	49.332	90	38.99	44
24	64.63	48	85.90	131	63.471	144	58.48	37	38.813	101	67.16	22	49.242	119	39.43	16
34	64.15		87.21		63.327		58.85		38.712		66.94		49.123		39.59	
Mittl. Ort	55.60		46.24		57.677		24.41		33.600		38.55		43.662		7.70	
sec δ, tg δ	3.256		+3.098		1.346		+0.901		1.088		+0.428		1.216		+0.692	
a, a'	+5.1		+17.4		+3.7		+17.4		+3.4		+17.2		+3.6		+17.1	
b, b'	+0.18		− 0.49		+0.05		− 0.50		+0.02		− 0.51		+0.04		− 0.52	

Scheinbare Sternörter 1936

Tag	76) 55 Cassiopeiae				78) Lac. μ Fornacis				80) 67 Ceti				85) ξ² Ceti			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	2h 9m		+66° 13′		2h 10m		−31° 0′		2h 13m		−6° 42′		2h 24m		+8° 10′	
Jan. 0	28.71	37	55.89	94	7.011	153	88.65	108	48.972	104	55.73	90	46.895	95	34.54	62
10	28.34	40	56.83	41	6.858	168	89.73	70	48.868	122	56.63	74	46.800	115	33.92	62
20	27.94	42	57.24	14	6.690	178	90.43	29	48.746	134	57.37	57	46.685	130	33.30	61
30	27.52	44	57.10	67	6.512	181	90.72	12	48.612	139	57.94	38	46.555	139	32.69	57
Feb. 9	27.08	42	56.43	120	6.331	177	90.60	53	48.473	139	58.32	18	46.416	140	32.12	53
19	26.66	38	55.23	164	6.154	166	90.07	92	48.334	131	58.50	3	46.276	134	31.59	45
29	26.28	33	53.59	204	5.988	145	89.15	129	48.203	113	58.47	26	46.142	118	31.14	35
März 10	25.95	26	51.55	233	5.843	117	87.86	165	48.090	89	58.21	50	46.024	94	30.79	22
20	25.69	17	49.22	254	5.726	82	86.21	196	48.001	58	57.71	73	45.930	62	30.57	6
30	25.52	7	46.68	262	5.644	41	84.25	225	47.943	21	56.98	97	45.868	25	30.51	11
Apr. 9	25.45	4	44.06	262	5.603	4	82.00	249	47.922	21	56.01	121	45.843	18	30.62	32
19	25.49	14	41.44	250	5.607	53	79.51	267	47.943	66	54.80	142	45.861	63	30.94	53
29	25.63	25	38.94	229	5.660	103	76.84	282	48.009	110	53.38	164	45.924	108	31.47	75
Mai 9	25.88	34	36.65	201	5.763	150	74.02	290	48.119	153	51.74	180	46.032	154	32.22	97
19	26.22	44	34.64	166	5.913	196	71.12	291	48.272	194	49.94	195	46.186	195	33.19	117
29	26.66	51	32.98	125	6.109	237	68.21	285	48.466	230	47.99	204	46.381	232	34.36	136
Juni 8	27.17	57	31.73	81	6.346	271	65.36	273	48.696	260	45.95	208	46.613	262	35.72	150
18	27.74	62	30.92	35	6.617	299	62.63	254	48.956	284	43.87	208	46.875	286	37.22	162
28	28.36	65	30.57	13	6.916	319	60.09	227	49.240	299	41.79	202	47.161	303	38.84	168
Juli 8	29.01	66	30.70	59	7.235	330	57.82	194	49.539	307	39.77	190	47.464	312	40.52	170
18	29.67	67	31.29	104	7.565	333	55.88	158	49.846	308	37.87	172	47.776	313	42.22	167
28	30.34	65	32.33	146	7.898	328	54.30	114	50.154	301	36.15	150	48.089	308	43.89	160
Aug. 7	30.99	62	33.79	185	8.226	314	53.16	69	50.455	288	34.65	125	48.397	296	45.49	147
17	31.61	59	35.64	219	8.540	293	52.47	22	50.743	270	33.40	94	48.693	279	46.96	132
27	32.20	54	37.83	249	8.833	267	52.25	27	51.013	247	32.46	63	48.972	257	48.28	113
Sept. 6	32.74	48	40.32	273	9.100	235	52.52	73	51.260	220	31.83	31	49.229	232	49.41	92
16	33.22	42	43.05	293	9.335	200	53.25	116	51.480	190	31.52	1	49.461	205	50.33	70
26	33.64	36	45.98	307	9.535	163	54.41	154	51.670	161	31.53	31	49.666	176	51.03	48
Okt. 6	34.00	28	49.05	314	9.698	123	55.95	185	51.831	128	31.84	59	49.842	146	51.51	26
16	34.28	20	52.19	315	9.821	84	57.80	209	51.959	98	32.43	81	49.988	117	51.77	6
25*)	24 34.48	13	55.34	309	24 9.905	46	59.89	223	25 52.057	67	33.24	99	50.105	87	51.83	11
Nov. 4	34.61	5	58.43	296	9.951	8	62.12	230	52.124	37	34.23	111	28 50.192	57	51.72	27
14	34.66	4	61.39	276	9.959	28	64.42	225	52.161	8	35.34	119	50.249	27	51.45	38
24	34.62	12	64.15	248	9.931	61	66.67	213	52.169	21	36.53	121	50.276	1	51.07	48
Dez. 4	34.50	19	66.63	213	9.870	91	68.80	193	52.148	47	37.74	118	50.275	30	50.59	56
14	34.31	27	68.76	172	9.779	119	70.73	165	52.101	72	38.92	111	50.245	58	50.03	60
24	34.04	33	70.48	125	9.660	142	72.38	133	52.029	95	40.03	99	50.187	84	49.43	62
34	33.71		71.73		9.518		73.71		51.934		41.02		50.103		48.81	
Mittl. Ort	25.95		32.74		5.414		84.49		47.371		58.81		45.188		26.85	
sec δ, tg δ	2.481		+2.270		1.167		−0.601		1.007		−0.118		1.010		+0.144	
a, *a′*	+4.7		+16.9		+2.6		+16.9		+3.0		+16.7		+3.2		+16.2	
b, *b′*	+0.13		− 0.54		−0.03		− 0.54		−0.01		− 0.55		+0.01		− 0.59	

*) Bei Stern 85) lies Okt. 26

Tag	87) 36 H. Cassiopeiae AR.		Dekl.		90) μ Hydri AR.		Dekl.	
1936	$2^h\,31^m$		+72° 32′		$2^h\,32^m$		−79° 22′	
Jan. 0	58.04	48	47.26	138	62.55	117	90.99	95
10	57.56	55	48.64	84	61.38	122	91.94	34
20	57.01	60	49.48	27	60.16	125	92.28	27
30	56.41	62	49.75	32	58.91	124	92.01	86
Feb. 9	55.79	61	49.43	88	57.67	120	91.15	142
19	55.18	57	48.55	140	56.47	113	89.73	194
29	54.61	50	47.15	187	55.34	104	87.79	240
März 10	54.11	42	45.28	224	54.30	91	85.39	279
20	53.69	30	43.04	253	53.39	77	82.60	313
30	53.39	18	40.51	270	52.62	60	79.47	338
Apr. 9	53.21	4	37.81	278	52.02	43	76.09	357
19	53.17	10	35.03	274	51.59	24	72.52	367
29	53.27	24	32.29	261	51.35	4	68.85	369
Mai 9	53.51	38	29.68	237	51.31	15	65.16	362
19	53.89	50	27.31	208	51.46	34	61.54	349
29	54.39	61	25.23	170	51.80	52	58.05	326
Juni 8	55.00	70	23.53	129	52.32	69	54.79	295
18	55.70	77	22.24	83	53.01	84	51.84	258
28	56.47	82	21.41	37	53.85	97	49.26	213
Juli 8	57.29	86	21.04	12	54.82	106	47.13	162
18	58.15	87	21.16	59	55.88	113	45.51	107
28	59.02	87	21.75	105	57.01	116	44.44	48
Aug. 7	59.89	84	22.80	148	58.17	116	43.96	13
17	60.73	81	24.28	188	59.33	110	44.09	74
27	61.54	75	26.16	224	60.43	104	44.83	132
Sept. 6	62.29	69	28.40	255	61.47	91	46.15	187
16	62.98	62	30.95	282	62.38	77	48.02	236
26	63.60	52	33.77	302	63.15	59	50.38	276
Okt. 6	64.12	44	36.79	317	63.74	40	53.14	307
16	64.56	33	39.96	325	64.14	18	56.21	325
26	64.89	23	43.21	326	64.32	4	59.46	332
Nov. 4	(29) 65.12	12	46.47	320	(30) 64.28	26	62.78	326
14	65.24	0	49.67	305	64.02	47	66.04	308
24	65.24	12	52.72	283	63.55	66	69.12	278
Dez. 4	65.12	23	55.55	253	62.89	85	71.90	237
14	64.89	34	58.08	214	62.04	98	74.27	187
24	64.55	44	60.22	168	61.06	111	76.14	133
34	64.11		61.90		59.95		77.47	
Mittl. Ort	54.15		24.37		58.88		79.63	
sec δ, tg δ	3.333		+3.179		5.431		−5.338	
a, *a′*	+5.7		+15.8		−1.3		+15.7	
b, *b′*	+0.17		− 0.62		−0.28		− 0.62	

Tag	89) ν Arietis AR.		Dekl.		91) δ Ceti AR.		Dekl.	
1936	$2^h\,35^m$		+21° 41′		$2^h\,36^m$		+0° 3′	
Jan. 0	12.482	97	20.10	23	13.717	93	17.03	82
10	12.385	121	19.87	38	13.624	114	16.21	74
20	12.264	139	19.49	50	13.510	130	15.47	63
30	12.125	151	18.99	62	13.380	141	14.84	50
Feb. 9	11.974	155	18.37	71	13.239	144	14.34	37
19	11.819	148	17.66	78	13.095	139	13.97	21
29	11.671	133	16.88	81	12.956	126	13.76	5
März 10	11.538	108	16.07	80	12.830	104	13.71	15
20	11.430	75	15.27	73	12.726	74	13.86	34
30	11.355	34	14.54	63	12.652	38	14.20	55
Apr. 9	11.321	11	13.91	49	12.614	3	14.75	77
19	11.332	59	13.42	29	12.617	47	15.52	99
29	11.391	109	13.13	9	12.664	93	16.51	120
Mai 9	11.500	157	13.04	15	12.757	137	17.71	140
19	11.657	201	13.19	39	12.894	179	19.11	157
29	11.858	241	13.58	63	13.073	216	20.68	170
Juni 8	12.099	274	14.21	87	13.289	248	22.38	180
18	12.373	300	15.08	106	13.537	274	24.18	185
28	12.673	319	16.14	125	13.811	293	26.03	185
Juli 8	12.992	330	17.39	138	14.104	303	27.88	181
18	13.322	332	18.77	149	14.407	307	29.69	169
28	13.654	328	20.26	154	14.714	304	31.38	155
Aug. 7	13.982	317	21.80	156	15.018	294	32.93	135
17	14.299	300	23.36	154	15.312	279	34.28	112
27	14.599	280	24.90	147	15.591	259	35.40	85
Sept. 6	14.879	254	26.37	138	15.850	236	36.25	58
16	15.133	229	27.75	127	16.086	210	36.83	30
26	15.362	199	29.02	114	16.296	181	37.13	2
Okt. 6	15.561	169	30.16	99	16.477	153	37.15	23
16	15.730	138	31.15	85	16.630	123	36.92	44
26	15.868	108	32.00	69	16.753	93	36.48	64
Nov. 4	(30) 15.976	75	32.69	55	(30) 16.846	64	35.84	78
14	16.051	44	33.24	41	16.910	33	35.06	88
24	16.095	11	33.65	26	16.943	4	34.18	94
Dez. 4	16.106	22	33.91	12	16.947	26	33.24	95
14	16.084	53	34.03	3	16.921	53	32.29	94
24	16.031	83	34.00	16	16.868	81	31.35	88
34	15.948		33.84		16.787		30.47	
Mittl. Ort	10.622		8.51		11.983		12.05	
sec δ, tg δ	1.076		+0.398		1.000		+0.001	
a, *a′*	+3.4		+15.6		+3.1		+15.6	
b, *b′*	+0.02		− 0.63		0.00		− 0.63	

Tag	93) ϑ Persei AR.		93) ϑ Persei Dekl.		97) π Ceti AR.		97) π Ceti Dekl.		98) μ Ceti AR.		98) μ Ceti Dekl.		100) 41 Arietis AR.		100) 41 Arietis Dekl.	
1936	$2^h\ 39^m$		+48° 57′		$2^h\ 41^m$		−14° 7′		$2^h\ 41^m$		+9° 50′		$2^h\ 46^m$		+26° 59′	
	s		″		s		″		s		″		s		″	
Jan. 0	51.362	161	50.93	69	6.262	104	43.01	113	30.542	88	49.66	58	14.639	96	65.12	2
10	51.201	197	51.62	30	6.158	127	44.14	90	30.454	111	49.08	59	14.543	124	65.10	21
20	51.004	223	51.92	9	6.031	143	45.04	65	30.343	129	48.49	58	14.419	147	64.89	40
30	50.781	238	51.83	49	5.888	153	45.69	38	30.214	141	47.91	57	14.272	160	64.49	56
Feb. 9	50.543	242	51.34	87	5.735	157	46.07	10	30.073	146	47.34	53	14.112	165	63.93	72
19	50.301	232	50.47	121	5.578	152	46.17	19	29.927	141	46.81	48	13.947	161	63.21	84
29	50.069	207	49.26	150	5.426	139	45.98	47	29.786	129	46.33	39	13.786	147	62.37	93
März 10	49.862	170	47.76	172	5.287	117	45.51	75	29.657	106	45.94	29	13.639	122	61.44	97
20	49.692	122	46.04	186	5.170	89	44.76	103	29.551	76	45.65	16	13.517	88	60.47	96
30	49.570	65	44.18	192	5.081	52	43.73	130	29.475	40	45.49	1	13.429	46	59.51	90
Apr. 9	49.505	0	42.26	191	5.029	12	42.43	154	29.435	3	45.50	20	13.383	0	58.61	78
19	49.505	67	40.35	181	5.017	33	40.89	178	29.438	48	45.70	40	13.383	50	57.83	63
29	49.572	135	38.54	163	5.050	78	39.11	197	29.486	94	46.10	61	13.433	102	57.20	43
Mai 9	49.707	201	36.91	139	5.128	124	37.14	213	29.580	140	46.71	82	13.535	152	56.77	21
19	49.908	262	35.52	111	5.252	167	35.01	225	29.720	183	47.53	103	13.687	200	56.56	5
29	50.170	315	34.41	78	5.419	206	32.76	232	29.903	221	48.56	121	13.887	241	56.61	29
Juni 8	50.485	362	33.63	44	5.625	240	30.44	232	30.124	254	49.77	136	14.128	277	56.90	54
18	50.847	398	33.19	7	5.865	268	28.12	228	30.378	280	51.13	149	14.405	306	57.44	78
28	51.245	423	33.12	29	6.133	289	25.84	216	30.658	298	52.62	158	14.711	327	58.22	99
Juli 8	51.668	439	33.41	65	6.422	301	23.68	199	30.956	311	54.20	160	15.038	339	59.21	117
18	52.107	444	34.06	97	6.723	307	21.69	176	31.267	314	55.80	160	15.377	344	60.38	132
28	52.551	441	35.03	127	7.030	306	19.93	148	31.581	310	57.40	154	15.721	341	61.70	144
Aug. 7	52.992	428	36.30	155	7.336	297	18.45	116	31.891	302	58.94	144	16.062	332	63.14	150
17	53.420	409	37.85	177	7.633	283	17.29	80	32.193	287	60.38	130	16.394	317	64.64	153
27	53.829	383	39.62	197	7.916	264	16.49	41	32.480	269	61.68	113	16.711	297	66.17	153
Sept. 6	54.212	352	41.59	212	8.180	240	16.08	4	32.749	246	62.81	93	17.008	273	67.70	148
16	54.564	317	43.71	223	8.420	213	16.04	34	32.995	219	63.74	73	17.281	247	69.18	143
26	54.881	278	45.94	229	8.633	184	16.38	70	33.214	193	64.47	52	17.528	219	70.61	133
Okt. 6	55.159	238	48.23	232	8.817	153	17.08	100	33.407	164	64.99	31	17.747	188	71.94	123
16	55.397	194	50.55	230	8.970	122	18.08	127	33.571	135	65.30	12	17.935	157	73.17	111
26	55.591	149	52.85	224	9.092	90	19.35	146	33.706	106	65.42	6	18.092	125	74.28	98
Nov. 4	55.740	101	55.09	214	9.182	57	20.81	160	33.812	75	65.36	20	18.217	91	75.26	86
14	55.841	54	57.23	198	9.239	27	22.41	166	33.887	45	65.16	32	18.308	58	76.12	71
24	55.895	3	59.21	178	9.266	6	24.07	165	33.932	15	64.84	41	18.366	22	76.83	56
Dez. 4	55.898	46	60.99	153	9.260	36	25.72	158	33.947	16	64.43	49	18.388	13	77.39	41
14	55.852	95	62.52	124	9.224	65	27.30	146	33.931	47	63.94	55	18.375	48	77.80	24
24	55.757	139	63.76	90	9.159	92	28.76	128	33.884	74	63.39	57	18.327	81	78.04	7
34	55.618		64.66		9.067		30.04		33.810		62.82		18.246		78.11	
Mittl. Ort	49.000		32.42		4.534		43.71		28.734		41.78		12.653		52.38	
sec δ, tg δ	1.523		+1.149		1.031		−0.252		1.015		+0.174		1.122		+0.509	
a, *a*′	+4.1		+15.4		+2.9		+15.3		+3.2		+15.3		+3.5		+15.0	
b, *b*′	+0.06		− 0.64		−0.01		− 0.65		+0.01		− 0.65		+0.03		− 0.66	

Tag	101) β Fornacis				102) τ² Eridani				103) τ Persei				104) η Eridani			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	2h 46m		−32° 39′		2h 48m		−21° 15′		2h 49m		+52° 30′		2h 53m		−9° 8′	
Jan. 0	26.462	146	90.28	141	9.852	114	63.05	130	44.974	172	25.86	90	19.755	92	64.86	110
10	26.316	170	91.69	102	9.738	138	64.35	99	44.802	214	26.76	49	19.663	117	65.96	91
20	26.146	187	92.71	60	9.600	156	65.34	68	44.588	245	27.25	8	19.546	136	66.87	70
30	25.959	198	93.31	17	9.444	167	66.02	34	44.343	264	27.33	36	19.410	149	67.57	48
Feb. 9	25.761	200	93.48	26	9.277	171	66.36	1	44.079	270	26.97	76	19.261	155	68.05	25
19	25.561	194	93.22	69	9.106	166	66.35	35	43.809	261	26.21	115	19.106	152	68.30	1
29	25.367	180	92.53	109	8.940	154	66.00	69	43.548	236	25.06	146	18.954	141	68.31	25
März 10	25.187	156	91.44	148	8.786	133	65.31	102	43.312	199	23.60	174	18.813	121	68.06	49
20	25.031	123	89.96	183	8.653	104	64.29	133	43.113	148	21.86	192	18.692	94	67.57	75
30	24.908	85	88.13	214	8.549	67	62.96	162	42.965	88	19.94	202	18.598	59	66.82	99
Apr. 9	24.823	41	85.99	242	8.482	26	61.34	188	42.877	20	17.92	204	18.539	19	65.83	124
19	24.782	8	83.57	265	8.456	19	59.46	212	42.857	53	15.88	198	18.520	24	64.59	147
29	24.790	59	80.92	282	8.475	66	57.34	231	42.910	126	13.90	183	18.544	70	63.12	167
Mai 9	24.849	109	78.10	294	8.541	113	55.03	246	43.036	197	12.07	161	18.614	115	61.45	185
19	24.958	158	75.16	298	8.654	157	52.57	255	43.233	263	10.46	134	18.729	158	59.60	199
29	25.116	202	72.18	296	8.811	199	50.02	259	43.496	323	9.12	103	18.887	198	57.61	208
Juni 8	25.318	243	69.22	287	9.010	235	47.43	256	43.819	373	8.09	68	19.085	233	55.53	213
18	25.561	276	66.35	270	9.245	265	44.87	245	44.192	414	7.41	32	19.318	260	53.40	212
28	25.837	302	63.65	245	9.510	288	42.42	231	44.606	444	7.09	6	19.578	282	51.28	205
Juli 8	26.139	320	61.20	215	9.798	303	40.11	208	45.050	463	7.15	43	19.860	296	49.23	193
18	26.459	330	59.05	178	10.101	312	38.03	179	45.513	472	7.58	78	20.156	304	47.30	175
28	26.789	331	57.27	135	10.413	311	36.24	146	45.985	471	8.36	111	20.460	303	45.55	151
Aug. 7	27.120	326	55.92	89	10.724	305	34.78	107	46.456	461	9.47	141	20.763	297	44.04	123
17	27.446	311	55.03	40	11.029	292	33.71	66	46.917	442	10.88	167	21.060	285	42.81	92
27	27.757	291	54.63	12	11.321	273	33.05	22	47.359	417	12.55	190	21.345	267	41.89	58
Sept. 6	28.048	265	54.75	61	11.594	249	32.83	21	47.776	386	14.45	209	21.612	246	41.31	23
16	28.313	235	55.36	108	11.843	222	33.04	64	48.162	350	16.54	224	21.858	221	41.08	13
26	28.548	200	56.44	151	12.065	192	33.68	102	48.512	311	18.78	233	22.079	194	41.21	45
Okt. 6	28.748	163	57.95	189	12.257	161	34.70	136	48.823	268	21.11	240	22.273	165	41.66	76
16	28.911	125	59.84	217	12.418	127	36.06	165	49.091	221	23.51	241	22.438	136	42.42	101
26	29.036	86	62.01	238	12.545	93	37.71	185	49.312	173	25.92	239	22.574	105	43.43	122
Nov. 4	[2] 29.122	46	64.39	248	[2] 12.638	59	39.56	198	[3] 49.485	121	28.31	230	[4] 22.679	74	44.65	137
14	29.168	7	66.87	249	12.697	24	41.54	203	49.606	68	30.61	217	22.753	42	46.02	145
24	29.175	31	69.36	241	12.721	8	43.57	200	49.674	13	32.78	199	22.795	12	47.47	146
Dez. 4	29.144	67	71.77	222	12.713	41	45.57	189	49.687	43	34.77	174	22.807	21	48.93	143
14	29.077	101	73.99	198	12.672	73	47.46	171	49.644	97	36.51	146	22.786	50	50.36	135
24	28.976	132	75.97	165	12.599	101	49.17	148	49.547	147	37.97	111	22.736	80	51.71	121
34	28.844		77.62		12.498		50.65		49.400		39.08		22.656		52.92	
Mittl. Ort	24.678		86.08		8.090		61.77		42.390		7.13		17.964		66.93	
sec δ, tg δ	1.188		−0.641		1.073		−0.389		1.643		+1.303		1.013		−0.161	
a, *a′*	+2.5		+15.0		+2.7		+14.9		+4.2		+14.8		+2.9		+14.6	
b, *b′*	−0.03		− 0.66		−0.02		− 0.67		+0.06		− 0.67		−0.01		− 0.69	

Scheinbare Sternörter 1936

Tag	106) ϑ Eridani AR.		Dekl.		105) 47 H. Cephei AR.		Dekl.		107) α Ceti AR.		Dekl.		108) γ Persei AR.		Dekl.	
1936	2h 55m		−40° 33′		2h 57m		+79° 10′		2h 58m		+3° 50′		3h 0m		+53° 15′	
Jan. 0	51.805s	175	42.83″	156	36.19s	75	29.02″	186	57.727s	81	28.66″	77	11.561s	167	44.55″	100
10	51.630	201	44.39	112	35.44	88	30.88	131	57.646	107	27.89	70	11.394	212	45.55	62
20	51.429	222	45.51	64	34.56	98	32.19	74	57.539	127	27.19	63	11.182	246	46.17	19
30	51.207	234	46.15	16	33.58	103	32.93	12	57.412	142	26.56	54	10.936	269	46.36	23
Feb. 9	50.973	237	46.31	33	32.55	103	33.05	48	57.270	150	26.02	44	10.667	278	46.13	65
19	50.736	232	45.98	80	31.52	100	32.57	106	57.120	148	25.58	33	10.389	272	45.48	104
29	50.504	216	45.18	125	30.52	91	31.51	160	56.972	138	25.25	20	10.117	250	44.44	139
März 10	50.288	191	43.93	168	29.61	78	29.91	205	56.834	119	25.05	4	9.867	214	43.05	167
20	50.097	158	42.25	205	28.83	62	27.86	243	56.715	91	25.01	13	9.653	165	41.38	187
30	49.939	117	40.20	239	28.21	43	25.43	270	56.624	57	25.14	32	9.488	104	39.51	201
Apr. 9	49.822	69	37.81	268	27.78	22	22.73	287	56.567	17	25.46	51	9.384	37	37.50	205
19	49.753	17	35.13	291	27.56	1	19.86	292	56.550	28	25.97	72	9.347	37	35.45	201
29	49.736	38	32.22	308	27.55	23	16.94	287	56.578	73	26.69	92	9.384	112	33.44	188
Mai 9	49.774	93	29.14	319	27.78	43	14.07	272	56.651	118	27.61	112	9.496	184	31.56	170
19	49.867	146	25.95	321	28.21	64	11.35	247	56.769	162	28.73	130	9.680	252	29.86	144
29	50.013	196	22.74	317	28.85	82	8.88	217	56.931	201	30.03	146	9.932	314	28.42	114
Juni 8	50.209	242	19.57	305	29.67	98	6.71	178	57.132	236	31.49	157	10.246	368	27.28	81
18	50.451	280	16.52	284	30.65	111	4.93	136	57.368	263	33.06	166	10.614	411	26.47	46
28	50.731	311	13.68	256	31.76	122	3.57	90	57.631	285	34.72	168	11.025	444	26.01	8
Juli 8	51.042	334	11.12	222	32.98	129	2.67	42	57.916	299	36.40	168	11.469	466	25.93	28
18	51.376	348	8.90	180	34.27	135	2.25	6	58.215	305	38.08	161	11.935	478	26.21	63
28	51.724	353	7.10	134	35.62	135	2.31	55	58.520	306	39.69	150	12.413	479	26.84	96
Aug. 7	52.077	350	5.76	82	36.97	134	2.86	102	58.826	300	41.19	134	12.892	472	27.80	127
17	52.427	337	4.94	28	38.31	131	3.88	146	59.126	288	42.53	115	13.364	455	29.07	155
27	52.764	318	4.66	26	39.62	124	5.34	188	59.414	271	43.68	93	13.819	433	30.62	178
Sept. 6	53.082	291	4.92	81	40.86	116	7.22	226	59.685	251	44.61	67	14.252	403	32.40	199
16	53.373	259	5.73	132	42.02	107	9.48	259	59.936	228	45.28	43	14.655	369	34.39	215
26	53.632	221	7.05	178	43.09	93	12.07	287	60.164	203	45.71	17	15.024	331	36.54	227
Okt. 6	53.853	181	8.83	217	44.02	79	14.94	310	60.367	175	45.88	7	15.355	287	38.81	235
16	54.034	137	11.00	249	44.81	64	18.04	327	60.542	148	45.81	28	15.642	243	41.16	238
26	54.171	93	13.49	269	45.45	47	21.31	335	60.690	118	45.53	47	15.885	192	43.54	238
Nov. 4*)	[4] 54.264	47	16.18	281	45.92	28	24.66	337	60.808	88	45.06	61	16.077	141	45.92	231
14	54.311	3	18.99	280	[5] 46.20	9	28.03	331	[5] 60.896	58	44.45	72	[6] 16.218	86	48.23	221
24	54.314	41	21.79	270	46.29	11	31.34	315	60.954	27	43.73	79	16.304	29	50.44	204
Dez. 4	54.273	84	24.49	249	46.18	30	34.49	290	60.981	5	42.94	83	16.333	29	52.48	182
14	54.189	122	26.98	220	45.88	49	37.39	256	60.976	37	42.11	82	16.304	86	54.30	155
24	54.067	158	29.18	184	45.39	67	39.95	214	60.939	66	41.29	80	16.218	141	55.85	122
34	53.909		31.02		44.72		42.09		60.873		40.49		16.077		57.07	
Mittl. Ort	49.926		37.01		29.65		7.05		55.863		22.92		8.838		26.25	
sec δ, tg δ	1.316		−0.856		5.321		+5.227		1.002		+0.067		1.672		+1.340	
a, *a′*	+2.3		+14.4		+8.0		+14.3		+3.1		+14.2		+4.3		+14.2	
b, *b′*	−0.04		− 0.69		+0.25		− 0.70		0.00		− 0.70		+0.06		− 0.71	

*) Bei Stern 105), 107) und 108) lies Nov. 5

Tag	109) ρ Persei AR.	Diff.	109) ρ Persei Dekl.	Diff.	110) μ Horologii AR.	Diff.	110) μ Horologii Dekl.	Diff.	111) β Persei AR.	Diff.	111) β Persei Dekl.	Diff.	114) δ Arietis AR.	Diff.	114) δ Arietis Dekl.	Diff.
1936	$3^h\ 1^m$		+38° 35′		$3^h\ 2^m$		−59° 58′		$3^h\ 3^m$		+40° 42′		$3^h\ 7^m$		+19° 29′	
Jan. 0	6.322	109	52.20	46	8.297	334	76.98	163	62.125	112	53.09	56	59.924	78	19.22	23
10	6.213	143	52.66	18	7.963	371	78.61	108	62.013	149	53.65	27	59.846	107	18.99	32
20	6.070	171	52.84	10	7.592	398	79.69	52	61.864	177	53.92	3	59.739	131	18.67	41
30	5.899	190	52.74	39	7.194	412	80.21	6	61.687	198	53.89	35	59.608	149	18.26	50
Feb. 9	5.709	198	52.35	67	6.782	413	80.15	62	61.489	208	53.54	64	59.459	158	17.76	56
19	5.511	196	51.68	91	6.369	401	79.53	117	61.281	205	52.90	91	59.301	159	17.20	61
29	5.315	182	50.77	113	5.968	376	78.36	167	61.076	190	51.99	114	59.142	149	16.59	63
März 10	5.133	155	49.64	128	5.592	340	76.69	214	60.886	163	50.85	133	58.993	129	15.96	63
20	4.978	118	48.36	139	5.252	291	74.55	254	60.723	126	49.52	144	58.864	100	15.33	57
30	4.860	72	46.97	141	4.961	232	72.01	289	60.597	79	48.08	149	58.764	64	14.76	49
Apr. 9	4.788	19	45.56	138	4.729	166	69.12	317	60.518	25	46.59	148	58.700	21	14.27	37
19	4.769	37	44.18	129	4.563	92	65.95	339	60.493	33	45.11	140	58.679	26	13.90	21
29	4.806	95	42.89	112	4.471	15	62.56	353	60.526	94	43.71	124	58.705	75	13.69	3
Mai 9	4.901	152	41.77	93	4.456	63	59.03	358	60.620	152	42.47	105	58.780	123	13.66	18
19	5.053	207	40.84	68	4.519	141	55.45	356	60.772	207	41.42	81	58.903	169	13.84	38
29	5.260	255	40.16	41	4.660	215	51.89	345	60.979	259	40.61	54	59.072	211	14.22	59
Juni 8	5.515	297	39.75	13	4.875	283	48.44	326	61.238	302	40.07	25	59.283	247	14.81	78
18	5.812	332	39.62	16	5.158	344	45.18	298	61.540	337	39.82	5	59.530	278	15.59	97
28	6.144	357	39.78	45	5.502	396	42.20	262	61.877	364	39.87	34	59.808	300	16.56	112
Juli 8	6.501	374	40.23	71	5.898	435	39.58	219	62.241	382	40.21	62	60.108	316	17.68	123
18	6.875	382	40.94	96	6.333	465	37.39	170	62.623	392	40.83	88	60.424	324	18.91	131
28	7.257	383	41.90	117	6.798	479	35.69	115	63.015	393	41.71	111	60.748	326	20.22	135
Aug. 7	7.640	375	43.07	136	7.277	481	34.54	56	63.408	386	42.82	132	61.074	319	21.57	135
17	8.015	362	44.43	149	7.758	470	33.98	4	63.794	372	44.14	148	61.393	309	22.92	131
27	8.377	343	45.92	162	8.228	446	34.02	66	64.166	354	45.62	161	61.702	293	24.23	123
Sept. 6	8.720	320	47.54	168	8.674	409	34.68	125	64.520	330	47.23	171	61.995	274	25.46	114
16	9.040	292	49.22	172	9.083	362	35.93	181	64.850	303	48.94	177	62.269	250	26.60	101
26	9.332	262	50.94	174	9.445	305	37.74	230	65.153	272	50.71	180	62.519	226	27.61	88
Okt. 6	9.594	230	52.68	172	9.750	241	40.04	270	65.425	240	52.51	179	62.745	199	28.49	74
16	9.824	195	54.40	167	9.991	171	42.74	302	65.665	204	54.30	177	62.944	171	29.23	59
26	10.019	159	56.07	161	10.162	97	45.76	321	65.869	166	56.07	172	63.115	141	29.82	47
Nov. 5	10.178	121	57.68	151	10.259	22	48.97	329	66.035	127	57.79	163	63.256	110	30.29	33
14	10.299	80	59.19	139	10.281	53	52.26	324	66.162	85	59.42	151	63.366	77	30.62	22
24	10.379	39	60.58	124	10.228	125	55.50	308	66.247	41	60.93	136	63.443	43	30.84	10
Dez. 4	10.418	5	61.82	106	10.103	192	58.58	279	66.288	3	62.29	119	63.486	9	30.94	1
14	10.413	47	62.88	85	9.911	254	61.37	242	66.285	48	63.48	96	63.495	27	30.95	9
24	10.366	89	63.73	61	9.657	307	63.79	196	66.237	91	64.44	72	63.468	60	30.86	18
34	10.277		64.34		9.350		65.75		66.146		65.16		63.408		30.68	
Mittl. Ort	4.042		37.10		6.044		68.09		59.774		37.65		57.892		9.32	
sec δ, tg δ	1.279		+0.798		1.999		−1.731		1.319		+0.860		1.061		+0.354	
a, *a′*	+3.8		+14.1		+1.4		+14.0		+3.9		+13.9		+3.4		+13.7	
b, *b′*	+0.04		− 0.71		−0.08		− 0.71		+0.04		− 0.72		+0.02		− 0.73	

Tag	117) 12 Eridani AR.		117) 12 Eridani Dekl.		115) 48 H. Cephei AR.		115) 48 H. Cephei Dekl.		120) α Persei AR.		120) α Persei Dekl.		121) o Tauri AR.		121) o Tauri Dekl.	
1936	3ʰ 9ᵐ		−29° 13′		3ʰ 12ᵐ		+77° 30′		3ʰ 19ᵐ		+49° 38′		3ʰ 21ᵐ		+8° 48′	
	s		″		s		″		s		″		s		″	
Jan. 0	22.914	125	81.69	156	13.70	60	30.03	194	47.298	129	22.26	101	23.978	67	23.94	62
10	22.789	152	83.25	120	13.10	72	31.97	145	47.169	175	23.27	67	23.911	98	23.32	60
20	22.637	174	84.45	81	12.38	81	33.42	87	46.994	212	23.94	31	23.813	123	22.72	57
30	22.463	189	85.26	41	11.57	87	34.29	30	46.782	240	24.25	9	23.690	142	22.15	53
Feb. 9	22.274	196	85.67	1	10.70	90	34.59	31	46.542	255	24.16	46	23.548	154	21.62	47
19	22.078	195	85.66	42	9.80	87	34.28	89	46.287	254	23.70	83	23.394	156	21.15	42
29	21.883	185	85.24	82	8.93	81	33.39	142	46.033	241	22.87	116	23.238	149	20.73	33
März 10	21.698	165	84.42	120	8.12	71	31.97	190	45.792	212	21.71	143	23.089	133	20.40	23
20	21.533	137	83.22	156	7.41	58	30.07	229	45.580	170	20.28	164	22.956	108	20.17	10
30	21.396	101	81.66	188	6.83	42	27.78	259	45.410	117	18.64	178	22.848	74	20.07	4
Apr. 9	21.295	59	79.78	217	6.41	24	25.19	277	45.293	57	16.86	184	22.774	35	20.11	22
19	21.236	12	77.61	243	6.17	6	22.42	287	45.236	10	15.02	183	22.739	8	20.33	38
29	21.224	36	75.18	263	6.11	15	19.55	284	45.246	79	13.19	174	22.747	55	20.71	58
Mai 9	21.260	85	72.55	278	6.26	33	16.71	273	45.325	148	11.45	158	22.802	101	21.29	77
19	21.345	134	69.77	286	6.59	51	13.98	251	45.473	213	9.87	136	22.903	146	22.06	95
29	21.479	180	66.91	288	7.10	68	11.47	223	45.686	273	8.51	111	23.049	187	23.01	112
Juni 8	21.659	219	64.03	283	7.78	82	9.24	189	45.959	325	7.40	81	23.236	223	24.13	126
18	21.878	255	61.20	270	8.60	95	7.35	148	46.284	369	6.59	49	23.459	254	25.39	137
28	22.133	283	58.50	252	9.55	104	5.87	105	46.653	403	6.10	16	23.713	278	26.76	144
Juli 8	22.416	304	55.98	224	10.59	112	4.82	59	47.056	428	5.94	16	23.991	295	28.20	147
18	22.720	316	53.74	192	11.71	117	4.23	11	47.484	444	6.10	48	24.286	304	29.67	146
28	23.036	322	51.82	152	12.88	119	4.12	35	47.928	448	6.58	78	24.590	309	31.13	139
Aug. 7	23.358	320	50.30	109	14.07	119	4.47	81	48.376	445	7.36	106	24.899	305	32.52	129
17	23.678	310	49.21	61	15.26	117	5.28	126	48.821	435	8.42	131	25.204	297	33.81	115
27	23.988	295	48.60	13	16.43	113	6.54	167	49.256	417	9.73	152	25.501	284	34.96	96
Sept. 6	24.283	273	48.47	37	17.56	106	8.21	206	49.673	394	11.25	171	25.785	267	35.92	77
16	24.556	247	48.84	85	18.62	97	10.27	239	50.067	365	12.96	185	26.052	246	36.69	56
26	24.803	218	49.69	130	19.59	88	12.66	269	50.432	333	14.81	198	26.298	224	37.25	34
Okt. 6	25.021	185	50.99	168	20.47	76	15.35	293	50.765	296	16.79	205	26.522	198	37.59	13
16	25.206	150	52.67	200	21.23	63	18.28	312	51.061	256	18.84	209	26.720	173	37.72	6
26	25.356	113	54.67	224	21.86	48	21.40	323	51.317	212	20.93	210	26.893	144	37.66	23
Nov. 5	25.469	76	56.91	239	22.34	33	24.63	328	51.529	165	23.03	207	27.037	114	37.43	36
14	25.545	37	59.30	244	22.67	16	27.91	324	51.694	116	25.10	199	27.151	83	37.07	49
24	25.582	0	61.74	240	22.83	1	31.15	311	51.810	62	27.09	187	27.234	51	36.58	55
Dez. 4	25.582	38	64.14	226	22.82	19	34.26	291	51.872	7	28.96	169	27.285	17	36.03	61
14	25.544	74	66.40	206	22.63	36	37.17	260	51.879	48	30.65	146	27.302	17	35.42	63
24	25.470	108	68.46	178	22.27	52	39.77	222	51.831	102	32.11	119	27.285	51	34.79	63
34	25.362		70.24		21.75		41.99		51.729		33.30		27.234		34.16	
Mittl. Ort	21.039		78.55		7.46		9.20		44.540		5.85		21.975		17.34	
sec δ, tg δ	1.146		−0.560		4.621		+4.512		1.544		+1.176		1.012		+0.155	
a, *a′*	+2.5		+13.6		+7.6		+13.4		+4.3		+12.9		+3.2		+12.8	
b, *b′*	−0.03		−0.74		+0.20		−0.74		+0.05		−0.77		+0.01		−0.77	

Tag	122) 2 H. Camelop. AR.		122) Dekl.		125) *f* Tauri AR.		125) Dekl.		127) ε Eridani [1]) AR.		127) Dekl.		131) δ Persei AR.		131) Dekl.	
1936	3h 23m		+59° 43′		3h 27m		+12° 43′		3h 29m		−9° 40′		3h 38m		+47° 35′	
Jan. 0	55.486	184	27.15	143	22.236	64	14.09	46	56.785	80	24.63	125	24.350	102	19.28	104
10	55.302	244	28.58	104	22.172	95	13.63	49	56.705	109	25.88	105	24.248	151	20.32	75
20	55.058	293	29.62	60	22.077	122	13.14	49	56.596	133	26.93	84	24.097	191	21.07	41
30	54.765	326	30.22	12	21.955	143	12.65	49	56.463	153	27.77	59	23.906	223	21.48	6
Feb. 9	54.439	345	30.34	34	21.812	155	12.16	48	56.310	164	28.36	35	23.683	242	21.54	30
19	54.094	344	30.00	80	21.657	159	11.68	46	56.146	167	28.71	10	23.441	248	21.24	64
29	53.750	326	29.20	122	21.498	154	11.22	42	55.979	161	28.81	17	23.193	239	20.60	96
März 10	53.424	289	27.98	158	21.344	137	10.80	35	55.818	145	28.64	42	22.954	216	19.64	123
20	53.135	236	26.40	187	21.207	112	10.45	26	55.673	122	28.22	69	22.738	179	18.41	146
30	52.899	170	24.53	209	21.095	79	10.19	14	55.551	90	27.53	93	22.559	133	16.95	161
Apr. 9	52.729	92	22.44	222	21.016	39	10.05	1	55.461	52	26.60	118	22.426	76	15.34	169
19	52.637	9	20.22	226	20.977	4	10.04	16	55.409	10	25.42	141	22.350	13	13.65	171
29	52.628	78	17.96	220	20.981	52	10.20	34	55.399	35	24.01	162	22.337	52	11.94	164
Mai 9	52.706	165	15.76	208	21.033	98	10.54	52	55.434	81	22.39	181	22.389	119	10.30	152
19	52.871	246	13.68	188	21.131	145	11.06	70	55.515	126	20.58	194	22.508	183	8.78	134
29	53.117	323	11.80	161	21.276	186	11.76	89	55.641	167	18.64	205	22.691	242	7.44	111
Juni 8	53.440	390	10.19	131	21.462	223	12.65	104	55.808	204	16.59	210	22.933	296	6.33	86
18	53.830	446	8.88	97	21.685	254	13.69	117	56.012	237	14.49	211	23.229	340	5.47	56
28	54.276	492	7.91	59	21.939	280	14.86	127	56.249	262	12.38	204	23.569	377	4.91	28
Juli 8	54.768	524	7.32	22	22.219	297	16.13	133	56.511	281	10.34	193	23.946	404	4.63	3
18	55.292	546	7.10	16	22.516	308	17.46	135	56.792	292	8.41	175	24.350	422	4.66	31
28	55.838	556	7.26	53	22.824	312	18.81	132	57.084	299	6.66	153	24.772	431	4.97	60
Aug. 7	56.394	555	7.79	89	23.136	311	20.13	126	57.383	297	5.13	124	25.203	432	5.57	85
17	56.949	545	8.68	121	23.447	302	21.39	115	57.680	290	3.89	93	25.635	426	6.42	109
27	57.494	524	9.89	152	23.749	291	22.54	101	57.970	278	2.96	59	26.061	413	7.51	129
Sept. 6	58.018	497	11.41	179	24.040	274	23.55	86	58.248	261	2.37	21	26.474	394	8.80	146
16	58.515	462	13.20	202	24.314	254	24.41	67	58.509	241	2.16	15	26.868	369	10.26	161
26	58.977	422	15.22	221	24.568	232	25.08	50	58.750	218	2.31	50	27.237	341	11.87	173
Okt. 6	59.399	376	17.43	237	24.800	208	25.58	31	58.968	193	2.81	82	27.578	309	13.60	181
16	59.775	323	19.80	248	25.008	182	25.89	14	59.161	164	3.63	110	27.887	273	15.41	187
26	60.098	267	22.28	254	25.190	153	26.03	2	59.325	136	4.73	133	28.160	232	17.28	189
Nov. 5	[12] 60.365	204	24.82	255	[12] 25.343	124	26.01	14	59.461	105	6.06	149	28.392	189	19.17	188
14*)	60.569	138	27.37	250	25.467	93	25.87	25	[13] 59.566	72	7.55	160	28.581	141	21.05	184
24	60.707	67	29.87	239	25.560	59	25.62	34	59.638	39	9.15	162	[15] 28.722	90	22.89	174
Dez. 4	60.774	6	32.26	220	25.619	24	25.28	39	59.677	5	10.77	159	28.812	35	24.63	161
14	60.768	78	34.46	196	25.643	11	24.89	44	59.682	30	12.36	151	28.847	19	26.24	143
24	60.690	148	36.42	165	25.632	46	24.45	47	59.652	62	13.87	137	28.828	74	27.67	120
34	60.542		38.07		25.586		23.98		59.590		15.24		28.754		28.87	
Mittl. Ort	52.137		9.28		20.172		6.65		54.848		26.12		21.519		4.46	
sec δ, tg δ	1.983		+1.713		1.025		+0.226		1.014		−0.170		1.483		+1.095	
a, *a′*	+4.9		+12.6		+3.3		+12.4		+2.9		+12.2		+4.3		+11.6	
b, *b′*	+0.07		− 0.78		+0.01		− 0.79		−0.01		− 0.79		+0.04		− 0.81	

[1]) Die jährliche Parallaxe (0″.310) ist bereits berücksichtigt.

*) Bei Stern 131) lies Nov. 15

Tag	134) ν Persei AR.		134) ν Persei Dekl.		141) β Reticuli AR.		141) β Reticuli Dekl.	
1936	3h 40m		+42° 22′		3h 43m		−64° 59′	
	s		″		s		″	
Jan. 0	52.965	85	54.27	83	26.14	37	97.73	213
10	52.880	129	55.10	57	25.77	44	99.86	161
20	52.751	168	55.67	30	25.33	48	101.47	106
30	52.583	197	55.97	2	24.85	50	102.53	49
Feb. 9	52.386	217	55.95	32	24.35	53	103.02	10
19	52.169	222	55.63	60	23.82	52	102.92	66
29	51.947	216	55.03	89	23.30	51	102.26	120
März 10	51.731	196	54.14	110	22.79	48	101.06	171
20	51.535	164	53.04	129	22.31	43	99.35	216
30	51.371	120	51.75	141	21.88	36	97.19	257
Apr. 9	51.251	69	50.34	146	21.52	30	94.62	291
19	51.182	12	48.88	145	21.22	22	91.71	319
29	51.170	48	47.43	137	21.00	13	88.52	340
Mai 9	51.218	110	46.06	124	20.87	4	85.12	352
19	51.328	169	44.82	107	20.83	5	81.60	357
29	51.497	223	43.75	85	20.88	14	78.03	354
Juni 8	51.720	273	42.90	61	21.02	23	74.49	340
18	51.993	314	42.29	34	21.25	31	71.09	319
28	52.307	348	41.95	8	21.56	38	67.90	289
Juli 8	52.655	374	41.87	19	21.94	44	65.01	251
18	53.029	390	42.06	45	22.38	49	62.50	206
28	53.419	398	42.51	68	22.87	53	60.44	153
Aug. 7	53.817	399	43.19	89	23.40	55	58.91	95
17	54.216	394	44.08	108	23.95	55	57.96	35
27	54.610	381	45.16	124	24.50	54	57.61	28
Sept. 6	54.991	364	46.40	136	25.04	51	57.89	91
16	55.355	342	47.76	147	25.55	47	58.80	151
26	55.697	317	49.23	154	26.02	42	60.31	207
Okt. 6	56.014	288	50.77	159	26.44	35	62.38	255
16	56.302	255	52.36	161	26.79	28	64.93	295
26	56.557	219	53.97	162	27.07	19	67.88	322
Nov. 5	56.776	179	55.59	158	27.26	10	71.10	340
15	56.955	137	57.17	154	27.36	1	74.50	345
24	[16] 57.092	90	58.71	144	[16] 27.37	9	77.95	335
Dez. 4	57.182	41	60.15	133	27.28	17	81.30	315
14	57.223	8	61.48	116	27.11	26	84.45	284
24	57.215	59	62.64	96	26.85	33	87.29	244
34	57.156		63.60		26.52		89.73	
Mittl. Ort	50.299		40.61		23.40		89.76	
sec δ, tg δ	1.354		+0.912		2.367		−2.145	
a, *a′*	+4.1		+11.4		+0.7		+11.3	
b, *b′*	+0.03		− 0.82		−0.08		− 0.83	

Tag	138) 5 H. Camelop. AR.		138) 5 H. Camelop. Dekl.		139) η Tauri AR.		139) η Tauri Dekl.	
1936	3h 43m		+71° 8′		3h 43m		+23° 54′	
	s		″		s		″	
Jan. 0	39.13	30	33.17	201	42.831	56	40.55	2
10	38.83	39	35.18	159	42.775	93	40.57	8
20	38.44	48	36.77	110	42.682	125	40.49	20
30	37.96	54	37.87	58	42.557	150	40.29	31
Feb. 9	37.42	57	38.45	2	42.407	167	39.98	42
19	36.85	58	38.47	52	42.240	173	39.56	51
29	36.27	56	37.95	104	42.067	170	39.05	59
März 10	35.71	51	36.91	151	41.897	155	38.46	65
20	35.20	43	35.40	191	41.742	130	37.81	66
30	34.77	34	33.49	224	41.612	97	37.15	64
Apr. 9	34.43	22	31.25	247	41.515	55	36.51	57
19	34.21	10	28.78	261	41.460	8	35.94	49
29	34.11	3	26.17	265	41.452	41	35.45	35
Mai 9	34.14	16	23.52	258	41.493	91	35.10	18
19	34.30	29	20.94	245	41.584	139	34.92	2
29	34.59	40	18.49	224	41.723	185	34.90	18
Juni 8	34.99	52	16.25	194	41.908	226	35.08	37
18	35.51	60	14.31	162	42.134	261	35.45	55
28	36.11	69	12.69	123	42.395	288	36.00	71
Juli 8	36.80	75	11.46	84	42.683	310	36.71	85
18	37.55	79	10.62	42	42.993	323	37.56	96
28	38.34	82	10.20	1	43.316	330	38.52	103
Aug. 7	39.16	84	10.21	43	43.646	331	39.55	108
17	40.00	82	10.64	83	43.977	325	40.63	109
27	40.82	81	11.47	123	44.302	316	41.72	107
Sept. 6	41.63	78	12.70	159	44.618	300	42.79	101
16	42.41	73	14.29	192	44.918	283	43.80	95
26	43.14	68	16.21	222	45.201	261	44.75	86
Okt. 6	43.82	61	18.43	247	45.462	239	45.61	77
16	44.43	53	20.90	268	45.701	212	46.38	67
26	44.96	44	23.58	284	45.913	183	47.05	58
Nov. 5	45.40	34	26.42	292	46.096	153	47.63	48
15	45.74	24	29.34	295	46.249	119	48.11	40
24	[17] 45.98	12	32.29	289	[17] 46.368	82	48.51	32
Dez. 4	46.10	0	35.18	276	46.450	44	48.83	24
14	46.10	12	37.94	253	46.494	5	49.07	16
24	45.98	24	40.47	223	46.499	36	49.23	7
34	45.74		42.70		46.463		49.30	
Mittl. Ort	34.07		15.37		40.554		31.02	
sec δ, tg δ	3.093		+2.927		1.094		+0.443	
a, *a′*	+6.3		+11.2		+3.6		+11.2	
b, *b′*	+0.11		− 0.83		+0.02		− 0.83	

Tag	140) τ⁶ Eridani AR.		140) τ⁶ Eridani Dekl.		143) *g* Eridani AR.		143) *g* Eridani Dekl.		146) γ Hydri AR.		146) γ Hydri Dekl.		144) ζ Persei AR.		144) ζ Persei Dekl.	
1936	3ʰ 44ᵐ		−23° 25′		3ʰ 47ᵐ		−36° 23′		3ʰ 48ᵐ		−74° 25′		3ʰ 50ᵐ		+31° 41′	
Jan. 0	7.582	91	77.05	175	5.595	126	39.60	202	16.23	66	76.72	210	8.688	59	53.25	39
10	7.491	123	78.80	144	5.469	162	41.62	164	15.57	74	78.82	158	8.629	98	53.64	22
20	7.368	152	80.24	110	5.307	193	43.26	120	14.83	82	80.40	101	8.531	134	53.86	5
30	7.216	173	81.34	75	5.114	216	44.46	76	14.01	86	81.41	43	8.397	162	53.91	14
Feb. 9	7.043	188	82.09	37	4.898	230	45.22	28	13.15	88	81.84	15	8.235	181	53.77	33
19	6.855	192	82.46	0	4.668	236	45.50	18	12.27	88	81.69	72	8.054	190	53.44	51
29	6.663	189	82.46	38	4.432	230	45.32	63	11.39	85	80.97	125	7.864	186	52.93	68
März 10	6.474	176	82.08	73	4.202	216	44.69	108	10.54	79	79.72	176	7.678	171	52.25	81
20	6.298	152	81.35	108	3.986	191	43.61	148	9.75	73	77.96	220	7.507	145	51.44	90
30	6.146	122	80.27	142	3.795	156	42.13	186	9.02	64	75.76	261	7.362	110	50.54	95
Apr. 9	6.024	84	78.85	171	3.639	117	40.27	220	8.38	53	73.15	293	7.252	66	49.59	94
19	5.940	41	77.14	198	3.522	69	38.07	250	7.85	42	70.22	321	7.186	16	48.65	89
29	5.899	5	75.16	222	3.453	19	35.57	273	7.43	28	67.01	341	7.170	36	47.76	80
Mai 9	5.904	53	72.94	240	3.434	34	32.84	292	7.15	14	63.60	352	7.206	90	46.96	66
19	5.957	99	70.54	254	3.468	86	29.92	303	7.01	1	60.08	356	7.296	143	46.30	49
29	6.056	145	68.00	261	3.554	136	26.89	307	7.00	14	56.52	351	7.439	190	45.81	30
Juni 8	6.201	187	65.39	262	3.690	184	23.82	303	7.14	27	53.01	337	7.629	235	45.51	10
18	6.388	222	62.77	256	3.874	226	20.79	293	7.41	40	49.64	315	7.864	273	45.41	12
28	6.610	253	60.21	244	4.100	262	17.86	273	7.81	51	46.49	285	8.137	303	45.53	32
Juli 8	6.863	277	57.77	224	4.362	290	15.13	246	8.32	62	43.64	246	8.440	326	45.85	51
18	7.140	294	55.53	197	4.652	313	12.67	212	8.94	70	41.18	199	8.766	343	46.36	68
28	7.434	305	53.56	164	4.965	327	10.55	171	9.64	77	39.19	147	9.109	351	47.04	82
Aug. 7	7.739	307	51.92	127	5.292	333	8.84	125	10.41	80	37.72	90	9.460	353	47.86	93
17	8.046	304	50.65	84	5.625	331	7.59	73	11.21	82	36.82	28	9.813	348	48.79	103
27	8.350	295	49.81	38	5.956	323	6.86	20	12.03	81	36.54	35	10.161	339	49.82	107
Sept. 6	8.645	280	49.43	9	6.279	307	6.66	35	12.84	78	36.89	97	10.500	325	50.89	111
16	8.925	261	49.52	56	6.586	286	7.01	90	13.62	71	37.86	158	10.825	306	52.00	111
26	9.186	238	50.08	100	6.872	260	7.91	140	14.33	63	39.44	212	11.131	286	53.11	111
Okt. 6	9.424	212	51.08	140	7.132	228	9.31	186	14.96	52	41.56	260	11.417	261	54.22	107
16	9.636	182	52.48	176	7.360	193	11.17	225	15.48	40	44.16	299	11.678	234	55.29	103
26	9.818	150	54.24	203	7.553	155	13.42	255	15.88	26	47.15	327	11.912	204	56.32	99
Nov. 5	9.968	116	56.27	223	7.708	114	15.97	275	16.14	12	50.42	342	12.116	171	57.31	92
15	10.084	80	58.50	233	7.822	70	18.72	286	16.26	4	53.84	346	12.287	135	58.23	87
24	[17] 10.164	42	60.83	235	[17] 7.892	27	21.58	284	[18] 16.22	19	57.30	337	[18] 12.422	94	59.10	79
Dez. 4	10.206	5	63.18	228	7.919	18	24.42	274	16.03	33	60.67	314	12.516	53	59.89	70
14	10.211	34	65.46	214	7.901	62	27.16	254	15.70	47	63.81	283	12.569	9	60.59	60
24	10.177	72	67.60	192	7.839	104	29.70	225	15.23	59	66.64	241	12.578	35	61.19	46
34	10.105		69.52		7.735		31.95		14.64		69.05		12.543		61.65	
Mittl. Ort	5.582		75.48		3.527		35.53		12.54		68.37		6.238		42.33	
sec δ, tg δ	1.090		−0.434		1.242		−0.737		3.727		−3.590		1.175		+0.617	
a, *a′*	+2.6		+11.2		+2.2		+11.0		−1.0		+10.9		+3.8		+10.8	
b, *b′*	−0.02		−0.83		−0.03		−0.84		−0.13		−0.84		+0.02		−0.84	

Tag	145) 9 H. Camelop. AR.	Diff.	Dekl.	Diff.	147) ε Persei AR.	Diff.	Dekl.	Diff.
1936	3h 51m		+60° 55′		3h 53m		+39° 49′	
Jan. 0	43.58	16	40.19	168	35.821	67	48.33	77
10	43.42	22	41.87	133	35.754	112	49.10	55
20	43.20	29	43.20	91	35.642	152	49.65	31
30	42.91	32	44.11	47	35.490	184	49.96	4
Feb. 9	42.59	36	44.58	1	35.306	205	50.00	23
19	42.23	37	44.57	48	35.101	214	49.77	50
29	41.86	36	44.09	91	34.887	211	49.27	75
März 10	41.50	33	43.18	132	34.676	195	48.52	97
20	41.17	28	41.86	167	34.481	166	47.55	113
30	40.89	22	40.19	193	34.315	127	46.42	124
Apr. 9	40.67	14	38.26	213	34.188	78	45.18	131
19	40.53	6	36.13	224	34.110	25	43.87	130
29	40.47	2	33.89	225	34.085	33	42.57	124
Mai 9	40.49	12	31.64	219	34.118	92	41.33	114
19	40.61	20	29.45	205	34.210	150	40.19	97
29	40.81	29	27.40	185	34.360	203	39.22	77
Juni 8	41.10	36	25.55	159	34.563	252	38.45	56
18	41.46	42	23.96	128	34.815	293	37.89	32
28	41.88	48	22.68	96	35.108	328	37.57	7
Juli 8	42.36	52	21.72	60	35.436	354	37.50	16
18	42.88	55	21.12	24	35.790	372	37.66	39
28	43.43	57	20.88	12	36.162	383	38.05	60
Aug. 7	44.00	57	21.00	48	36.545	386	38.65	79
17	44.57	58	21.48	81	36.931	382	39.44	95
27	45.15	56	22.29	113	37.313	373	40.39	108
Sept. 6	45.71	54	23.42	143	37.686	359	41.47	120
16	46.25	51	24.85	169	38.045	340	42.67	127
26	46.76	48	26.54	193	38.385	317	43.94	134
Okt. 6	47.24	43	28.47	213	38.702	290	45.28	138
16	47.67	39	30.60	228	38.992	261	46.66	140
26	48.06	33	32.88	240	39.253	228	48.06	141
Nov. 5	48.39	26	35.28	247	39.481	190	49.47	138
15	48.65	20	37.75	248	39.671	150	50.85	134
24	(19) 48.85	13	40.23	243	(19) 39.821	106	52.19	128
Dez. 4	48.98	4	42.66	231	39.927	57	53.47	118
14	49.02	3	44.97	212	39.984	9	54.65	105
24	48.99	11	47.09	187	39.993	41	55.70	88
34	48.88		48.96		39.952		56.58	
Mittl. Ort	39.82		24.24		33.150		35.98	
sec δ, tg δ	2.058		+1.798		1.302		+0.834	
a, *a′*	+5.1		+10.6		+4.0		+10.5	
b, *b′*	+0.06		− 0.85		+0.03		− 0.85	

Tag	148) ξ Persei AR.	Diff.	Dekl.	Diff.	149) γ Eridani AR.	Diff.	Dekl.	Diff.
1936	3h 54m		+35° 36′		3h 55m		−13° 40′	
Jan. 0	50.982	59	42.02	58	4.570	65	81.67	151
10	50.923	102	42.60	40	4.505	99	83.18	129
20	50.821	140	43.00	19	4.406	129	84.47	104
30	50.681	170	43.19	4	4.277	152	85.51	77
Feb. 9	50.511	191	43.15	26	4.125	169	86.28	47
19	50.320	201	42.89	49	3.956	176	86.75	18
29	50.119	198	42.40	70	3.780	174	86.93	11
März 10	49.921	183	41.70	86	3.606	164	86.82	41
20	49.738	156	40.84	100	3.442	143	86.41	70
30	49.582	119	39.84	108	3.299	114	85.71	98
Apr. 9	49.463	75	38.76	112	3.185	80	84.73	125
19	49.388	23	37.64	109	3.105	38	83.48	150
29	49.365	31	36.55	101	3.067	6	81.98	172
Mai 9	49.396	88	35.54	90	3.073	52	80.26	192
19	49.484	142	34.64	73	3.125	97	78.34	207
29	49.626	193	33.91	54	3.222	141	76.27	217
Juni 8	49.819	240	33.37	34	3.363	180	74.10	223
18	50.059	279	33.03	11	3.543	215	71.87	224
28	50.338	311	32.92	10	3.758	244	69.63	216
Juli 8	50.649	337	33.02	32	4.002	267	67.47	204
18	50.986	354	33.34	51	4.269	285	65.43	185
28	51.340	364	33.85	69	4.554	294	63.58	161
Aug. 7	51.704	367	34.54	84	4.848	299	61.97	130
17	52.071	364	35.38	95	5.147	295	60.67	95
27	52.435	354	36.33	106	5.442	288	59.72	58
Sept. 6	52.789	341	37.39	112	5.730	276	59.14	18
16	53.130	323	38.51	117	6.006	260	58.96	23
26	53.453	302	39.68	120	6.266	240	59.19	62
Okt. 6	53.755	277	40.88	120	6.506	217	59.81	98
16	54.032	249	42.08	119	6.723	191	60.79	130
26	54.281	218	43.27	117	6.914	163	62.09	156
Nov. 5	54.499	183	44.44	114	7.077	133	63.65	175
15	54.682	145	45.58	108	7.210	99	65.40	187
24	(19) 54.827	104	46.66	103	(19) 7.309	65	67.27	192
Dez. 4	54.931	59	47.69	93	7.374	28	69.19	189
14	54.990	12	48.62	82	7.402	8	71.08	180
24	55.002	34	49.44	67	7.394	46	72.88	165
34	54.968		50.11		7.348		74.53	
Mittl. Ort	48.417		30.57		2.532		82.19	
sec δ, tg δ	1.230		+0.716		1.029		−0.244	
a, *a′*	+3.9		+10.4		+2.8		+10.4	
b, *b′*	+0.02		− 0.85		−0.01		− 0.85	

Tag	150) λ Tauri AR.		150) λ Tauri Dekl.		151) ν Tauri AR.		151) ν Tauri Dekl.		152) c Persei AR.		152) c Persei Dekl.		154) o¹ Eridani AR.		154) o¹ Eridani Dekl.	
1936	3h 57m		+12° 18′		3h 59m		+5° 48′		4h 4m		+47° 32′		4h 8m		−6° 59′	
Jan. 0	10.079 s	44	45.36 ″	49	47.120 s	44	51.37 ″	78	3.471 s	74	49.30 ″	118	46.514 s	48	69.93 ″	133
10	10.035	80	44.87	48	47.076	79	50.59	72	3.397	128	50.48	92	46.466	83	71.26	116
20	9.955	112	44.39	47	46.997	110	49.87	63	3.269	174	51.40	62	46.383	115	72.42	96
30	9.843	137	43.92	45	46.887	136	49.24	56	3.095	212	52.02	29	46.268	141	73.38	75
Feb. 9	9.706	156	43.47	43	46.751	154	48.68	46	2.883	239	52.31	5	46.127	160	74.13	53
19	9.550	164	43.04	40	46.597	163	48.22	36	2.644	251	52.26	39	45.967	170	74.66	29
29	9.386	164	42.64	36	46.434	163	47.86	25	2.393	249	51.87	72	45.797	171	74.95	5
März 10	9.222	152	42.28	30	46.271	153	47.61	12	2.144	233	51.15	102	45.626	162	75.00	18
20	9.070	131	41.98	22	46.118	132	47.49	1	1.911	202	50.13	126	45.464	144	74.82	43
30	8.939	102	41.76	12	45.986	104	47.50	15	1.709	159	48.87	146	45.320	117	74.39	67
Apr. 9	8.837	65	41.64	1	45.882	68	47.65	33	1.550	106	47.41	158	45.203	83	73.72	90
19	8.772	23	41.65	15	45.814	28	47.98	49	1.444	47	45.83	164	45.120	44	72.82	113
29	8.749	24	41.80	30	45.786	18	48.47	67	1.397	18	44.19	164	45.076	0	71.69	134
Mai 9	8.773	69	42.10	47	45.804	63	49.14	84	1.415	85	42.55	155	45.076	45	70.35	153
19	8.842	116	42.57	64	45.867	107	49.98	101	1.500	149	41.00	143	45.121	89	68.82	170
29	8.958	159	43.21	79	45.974	151	50.99	115	1.649	210	39.57	125	45.210	132	67.12	181
Juni 8	9.117	198	44.00	94	46.125	190	52.14	128	1.859	265	38.32	103	45.342	172	65.31	191
18	9.315	233	44.94	106	46.315	223	53.42	137	2.124	315	37.29	78	45.514	207	63.40	194
28	9.548	260	46.00	114	46.538	251	54.79	141	2.439	354	36.51	52	45.721	237	61.46	191
Juli 8	9.808	283	47.14	120	46.789	274	56.20	143	2.793	387	35.99	24	45.958	260	59.55	185
18	10.091	297	48.34	122	47.063	289	57.63	139	3.180	410	35.75	2	46.218	277	57.70	171
28	10.388	306	49.56	118	47.352	298	59.02	130	3.590	425	35.77	30	46.495	289	55.99	151
Aug. 7	10.694	308	50.74	113	47.650	301	60.32	117	4.015	431	36.07	53	46.784	295	54.48	128
17	11.002	306	51.87	101	47.951	299	61.49	101	4.446	430	36.60	77	47.079	293	53.20	100
27	11.308	298	52.88	87	48.250	291	62.50	80	4.876	422	37.37	98	47.372	289	52.20	67
Sept. 6	11.606	286	53.75	72	48.541	281	63.30	58	5.298	409	38.35	116	47.661	278	51.53	32
16	11.892	271	54.47	53	48.822	265	63.88	34	5.707	389	39.51	133	47.939	265	51.21	2
26	12.163	252	55.00	35	49.087	248	64.22	10	6.096	367	40.84	146	48.204	247	51.23	37
Okt. 6	12.415	231	55.35	17	49.335	227	64.32	13	6.463	338	42.30	156	48.451	227	51.60	70
16	12.646	208	55.52	0	49.562	204	64.19	34	6.801	305	43.86	166	48.678	204	52.30	99
26	12.854	182	55.52	14	49.766	178	63.85	52	7.106	268	45.52	172	48.882	179	53.29	123
Nov. 5	13.036	154	55.38	27	49.944	150	63.33	67	7.374	226	47.24	175	49.061	149	54.52	142
15	13.190	122	55.11	37	50.094	119	62.66	77	7.600	179	48.99	174	49.210	118	55.94	154
24	[20] 13.312	88	54.74	43	[21] 50.213	86	61.89	84	[22] 7.779	128	50.73	170	[23] 49.328	84	57.48	160
Dez. 4	13.400	53	54.31	47	50.299	51	61.05	86	7.907	72	52.43	162	49.412	48	59.08	160
14	13.453	13	53.84	50	50.350	13	60.19	85	7.979	15	54.05	149	49.460	11	60.68	155
24	13.466	24	53.34	50	50.363	25	59.34	82	7.994	43	55.54	130	49.471	28	62.23	143
34	13.442		52.84		50.338		58.52		7.951		56.84		49.443		63.66	
Mittl. Ort	7.885		39.05		44.975		46.60		0.454		36.32		44.410		71.73	
sec δ, tg δ	1.024		+0.218		1.005		+0.102		1.481		+1.093		1.008		−0.123	
a, *a′*	+3.3		+10.2		+3.2		+10.0		+4.4		+9.7		+2.9		+9.4	
b, *b′*	+0.01		− 0.86		0.00		− 0.87		+0.04		−0.87		0.00		−0.88	

Scheinbare Sternörter 1936

Tag	155) α Horologii AR.		155) α Horologii Dekl.		156) α Recticuli AR.		156) α Recticuli Dekl.		160) υ⁴ Eridani AR.		160) υ⁴ Eridani Dekl.		162) δ Tauri AR.		162) δ Tauri Dekl.	
1936	4h 11m		−42°26′		4h 13m		−62°37′		4h 15m		−33° 56′		4h 19m		+17°23′	
	s		″		s		″		s		″		s		″	
Jan. 0	54.914	132	69.92	236	38.46	30	67.79	250	30.370	96	76.61	222	16.809	27	44.39	26
10	54.782	175	72.28	195	38.16	36	70.29	204	30.274	136	78.83	187	16.782	67	44.13	27
20	54.607	212	74.23	151	37.80	41	72.33	152	30.138	172	80.70	147	16.715	103	43.86	29
30	54.395	242	75.74	103	37.39	46	73.85	96	29.966	200	82.17	105	16.612	133	43.57	32
Feb. 9	54.153	262	76.77	53	36.93	48	74.81	39	29.766	220	83.22	59	16.479	156	43.25	33
19	53.891	271	77.30	3	36.45	49	75.20	17	29.546	231	83.81	14	16.323	169	42.92	37
29	53.620	271	77.33	47	35.96	48	75.03	72	29.315	231	83.95	31	16.154	172	42.55	37
März 10	53.349	259	76.86	94	35.48	47	74.31	125	29.084	222	83.64	74	15.982	164	42.18	37
20	53.090	236	75.92	140	35.01	43	73.06	174	28.862	202	82.90	117	15.818	146	41.81	35
30	52.854	203	74.52	181	34.58	38	71.32	218	28.660	173	81.73	155	15.672	118	41.46	30
Apr. 9	52.651	164	72.71	218	34.20	32	69.14	257	28.487	137	80.18	191	15.554	83	41.16	23
19	52.487	116	70.53	252	33.88	25	66.57	291	28.350	92	78.27	223	15.471	41	40.93	13
29	52.371	63	68.01	278	33.63	17	63.66	317	28.258	46	76.04	250	15.430	5	40.80	1
Mai 9	52.308	8	65.23	300	33.46	9	60.49	337	28.212	5	73.54	272	15.435	52	40.79	12
19	52.300	48	62.23	313	33.37	1	57.12	347	28.217	56	70.82	286	15.487	99	40.91	27
29	52.348	103	59.10	320	33.36	8	53.65	351	28.273	107	67.96	295	15.586	144	41.18	42
Juni 8	52.451	156	55.90	318	33.44	15	50.14	345	28.380	153	65.01	297	15.730	185	41.60	56
18	52.607	205	52.72	309	33.59	24	46.69	331	28.533	196	62.04	290	15.915	222	42.16	70
28	52.812	247	49.63	291	33.83	31	43.38	307	28.729	234	59.14	276	16.137	253	42.86	80
Juli 8	53.059	283	46.72	264	34.14	38	40.31	274	28.963	266	56.38	253	16.390	277	43.66	88
18	53.342	312	44.08	229	34.52	42	37.57	234	29.229	291	53.85	224	16.667	296	44.54	94
28	53.654	334	41.79	188	34.94	47	35.23	185	29.520	309	51.61	187	16.963	307	45.48	94
Aug. 7	53.988	346	39.91	140	35.41	49	33.38	132	29.829	320	49.74	143	17.270	313	46.42	93
17	54.334	352	38.51	87	35.90	51	32.06	72	30.149	324	48.31	94	17.583	314	47.35	87
27	54.686	348	37.64	29	36.41	51	31.34	10	30.473	320	47.37	43	17.897	309	48.22	79
Sept. 6	55.034	337	37.35	28	36.92	50	31.24	55	30.793	312	46.94	12	18.206	301	49.01	68
16	55.371	320	37.63	86	37.42	46	31.79	116	31.105	296	47.06	66	18.507	289	49.69	55
26	55.691	295	38.49	142	37.88	43	32.95	176	31.401	275	47.72	118	18.796	273	50.24	42
Okt. 6	55.986	265	39.91	193	38.31	38	34.71	230	31.676	249	48.90	166	19.069	255	50.66	28
16	56.251	229	41.84	236	38.69	31	37.01	275	31.925	220	50.56	209	19.324	233	50.94	16
26	56.480	188	44.20	271	39.00	24	39.76	312	32.145	185	52.65	242	19.557	209	51.10	4
Nov. 5	56.668	144	46.91	297	39.24	16	42.88	336	32.330	148	55.07	268	19.766	181	51.14	5
15	[24] 56.812	96	49.88	311	39.40	8	46.24	348	32.478	106	57.75	283	19.947	150	51.09	13
24*)	56.908	46	52.99	313	[24] 39.48	0	49.72	348	32.584	63	60.58	287	20.097	115	50.96	18
Dez. 4	56.954	5	56.12	306	39.48	10	53.20	335	[25] 32.647	19	63.45	282	[26] 20.212	77	50.78	21
14	56.949	56	59.18	286	39.38	17	56.55	311	32.666	27	66.27	266	20.289	37	50.57	24
24	56.893	105	62.04	258	39.21	26	59.66	278	32.639	72	68.93	242	20.326	5	50.33	25
34	56.788		64.62		38.95		62.44		32.567		71.35		20.321		50.08	
Mittl. Ort	52.695		65.44		35.68		61.21		28.219		73.45		14.466		37.92	
sec δ, tg δ	1.355		−0.915		2.176		−1.932		1.206		−0.673		1.048		+0.313	
a, *a*′	+2.0		+9.1		+0.8		+9.0		+2.3		+8.8		+3.5		+8.5	
b, *b*′	−0.03		−0.89		−0.06		−0.89		−0.02		−0.90		+0.01		−0.90	

*) Bei Stern 160) und 162) lies Nov. 25

Tag	164) ε Tauri AR.		Dekl.		168) α Tauri AR.		Dekl.		171) α Doradus AR.		Dekl.		169) ν Eridani AR.		Dekl.	
1936	$4^h 24^m$		+19° 2′		$4^h 32^m$		+16° 22′		$4^h 32^m$		−55° 10′		$4^h 33^m$		−3° 28′	
Jan. 0	55.000	22	30.63	17	17.121	17	61.41	31	39.351	190	40.81	269	9.389	27	53.19	127
10	54.978	63	30.46	20	17.104	57	61.10	31	39.161	248	43.50	227	9.362	65	54.46	113
20	54.915	101	30.26	22	17.047	96	60.79	31	38.913	297	45.77	180	9.297	100	55.59	96
30	54.814	133	30.04	27	16.951	128	60.48	32	38.616	336	47.57	127	9.197	131	56.55	78
Feb. 9	54.681	156	29.77	30	16.823	152	60.16	33	38.280	365	48.84	74	9.066	153	57.33	58
19	54.525	170	29.47	34	16.671	169	59.83	33	37.915	381	49.58	18	8.913	168	57.91	38
29	54.355	175	29.13	37	16.502	173	59.50	33	37.534	382	49.76	36	8.745	173	58.29	17
März 10	54.180	167	28.76	39	16.329	168	59.17	32	37.152	372	49.40	89	8.572	168	58.46	4
20	54.013	150	28.37	38	16.161	151	58.85	30	36.780	347	48.51	138	8.404	153	58.42	25
30	53.863	123	27.99	35	16.010	127	58.55	25	36.433	312	47.13	185	8.251	130	58.17	46
Apr. 9	53.740	88	27.64	30	15.883	92	58.30	18	36.121	265	45.28	226	8.121	98	57.71	67
19	53.652	46	27.34	21	15.791	52	58.12	8	35.856	210	43.02	262	8.023	61	57.04	89
29	53.606	0	27.13	11	15.739	8	58.04	3	35.646	149	40.40	293	7.962	19	56.15	108
Mai 9	53.606	48	27.02	2	15.731	39	58.07	15	35.497	81	37.47	316	7.943	26	55.07	126
19	53.654	94	27.04	16	15.770	86	58.22	30	35.416	12	34.31	333	7.969	69	53.81	143
29	53.748	141	27.20	30	15.856	131	58.52	43	35.404	57	30.98	340	8.038	113	52.38	157
Juni 8	53.889	182	27.50	44	15.987	172	58.95	56	35.461	125	27.58	340	8.151	153	50.81	166
18	54.071	220	27.94	58	16.159	210	59.51	69	35.586	190	24.18	331	8.304	189	49.15	171
28	54.291	251	28.52	69	16.369	241	60.20	78	35.776	249	20.87	312	8.493	221	47.44	172
Juli 8	54.542	277	29.21	78	16.610	268	60.98	85	36.025	301	17.75	285	8.714	246	45.72	168
18	54.819	295	29.99	85	16.878	287	61.83	89	36.326	346	14.90	250	8.960	266	44.04	157
28	55.114	308	30.84	87	17.165	300	62.72	89	36.672	380	12.40	205	9.226	281	42.47	143
Aug. 7	55.422	316	31.71	86	17.465	309	63.61	87	37.052	407	10.35	155	9.507	289	41.04	122
17	55.738	316	32.57	82	17.774	311	64.48	80	37.459	422	8.80	98	9.796	292	39.82	97
27	56.054	313	33.39	76	18.085	309	65.28	70	37.881	426	7.82	38	10.088	291	38.85	68
Sept. 6	56.367	305	34.15	66	18.394	302	65.98	59	38.307	421	7.44	25	10.379	284	38.17	37
16	56.672	294	34.81	55	18.696	292	66.57	45	38.728	403	7.69	88	10.663	274	37.80	5
26	56.966	279	35.36	44	18.988	278	67.02	31	39.131	376	8.57	148	10.937	261	37.75	28
Okt. 6	57.245	262	35.80	31	19.266	262	67.33	17	39.507	341	10.05	204	11.198	245	38.03	58
16	57.507	241	36.11	21	19.528	242	67.50	3	39.848	295	12.09	253	11.443	224	38.61	86
26	57.748	216	36.32	10	19.770	219	67.53	7	40.143	243	14.62	294	11.667	201	39.47	111
Nov. 5	57.964	189	36.42	2	19.989	192	67.46	17	40.386	184	17.56	322	11.868	175	40.58	129
15	58.153	157	36.44	4	20.181	162	67.29	25	40.570	119	20.78	341	12.043	144	41.87	141
25	58.310	122	36.40	9	20.343	128	67.04	28	40.689	52	24.19	347	12.187	111	43.28	148
Dez. 4	[27] 58.432	84	36.31	13	[29] 20.471	89	66.76	31	[29] 40.741	17	27.66	339	[29] 12.298	74	44.76	150
14	58.516	43	36.18	15	20.560	49	66.45	33	40.724	86	31.05	322	12.372	36	46.26	145
24	58.559	1	36.03	17	20.609	6	66.12	32	40.638	153	34.27	293	12.408	5	47.71	135
34	58.560		35.86		20.615		65.80		40.485		37.20		12.403		49.06	
Mittl. Ort	52.613		24.11		14.744		55.73		36.798		35.58		7.191		55.25	
sec δ, tg δ	1.058		+0.345		1.042		+0.294		1.751		−1.438		1.002		−0.061	
a, a′	+3.5		+8.1		+3.4		+7.5		+1.3		+7.5		+3.0		+7.4	
b, b′	+0.01		−0.92		+0.01		−0.93		−0.04		−0.93		0.00		−0.93	

Tag	172) 53 Eridani				174) τ Tauri				173) Grb 848				175) 4 Camelop.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	4h 35m		−14° 25′		4h 38m		+22° 50′		4h 40m		+75° 49′		4h 42m		+56° 38′	
Jan. 0	17.041	38	40.71	175	26.577	12	15.07	3	18.60	23	54.90	256	43.622	51	55.75	177
10	17.003	77	42.46	154	26.565	55	15.10	1	18.37	40	57.46	223	43.571	124	57.52	154
20	16.926	112	44.00	127	26.510	96	15.09	6	17.97	53	59.69	182	43.447	191	59.06	123
30	16.814	143	45.27	100	26.414	130	15.03	12	17.44	65	61.51	135	43.256	247	60.29	88
Feb. 9	16.671	166	46.27	69	26.284	157	14.91	20	16.79	74	62.86	81	43.009	290	61.17	48
19	16.505	181	46.96	40	26.127	175	14.71	27	16.05	78	63.67	26	42.719	317	61.65	8
29	16.324	185	47.36	8	25.952	181	14.44	34	15.27	80	63.93	31	42.402	325	61.73	34
März 10	16.139	181	47.44	22	25.771	176	14.10	40	14.47	77	63.62	85	42.077	317	61.39	74
20	15.958	166	47.22	52	25.595	160	13.70	44	13.70	71	62.77	136	41.760	290	60.65	111
30	15.792	143	46.70	82	25.435	135	13.26	45	12.99	61	61.41	181	41.470	248	59.54	142
Apr. 9	15.649	111	45.88	109	25.300	99	12.81	44	12.38	49	59.60	218	41.222	192	58.12	167
19	15.538	74	44.79	136	25.201	59	12.37	39	11.89	35	57.42	246	41.030	125	56.45	186
29	15.464	32	43.43	159	25.142	13	11.98	32	11.54	18	54.96	266	40.905	51	54.59	197
Mai 9	15.432	13	41.84	181	25.129	36	11.66	22	11.36	2	52.30	275	40.854	26	52.62	201
19	15.445	57	40.03	198	25.165	84	11.44	10	11.34	14	49.55	277	40.880	104	50.61	197
29	15.502	102	38.05	211	25.249	131	11.34	4	11.48	31	46.78	268	40.984	180	48.64	187
Juni 8	15.604	143	35.94	218	25.380	175	11.38	17	11.79	46	44.10	252	41.164	252	46.77	172
18	15.747	181	33.76	221	25.555	213	11.55	30	12.25	61	41.58	231	41.416	316	45.05	152
28	15.928	214	31.55	216	25.768	247	11.85	42	12.86	73	39.27	202	41.732	372	43.53	129
Juli 8	16.142	241	29.39	206	26.015	275	12.27	54	13.59	85	37.25	169	42.104	419	42.24	102
18	16.383	263	27.33	189	26.290	295	12.81	61	14.44	93	35.56	132	42.523	457	41.22	73
28	16.646	279	25.44	165	26.585	311	13.42	67	15.37	100	34.24	94	42.980	486	40.49	45
Aug. 7	16.925	289	23.79	137	26.896	319	14.09	69	16.37	106	33.30	52	43.466	505	40.04	15
17	17.214	293	22.42	103	27.215	323	14.78	69	17.43	108	32.78	11	43.971	514	39.89	15
27	17.507	292	21.39	65	27.538	322	15.47	66	18.51	109	32.67	31	44.485	517	40.04	43
Sept. 6	17.799	287	20.74	24	27.860	316	16.13	60	19.60	109	32.98	72	45.002	512	40.47	69
16	18.086	277	20.50	18	28.176	307	16.73	54	20.69	106	33.70	111	45.514	498	41.16	95
26	18.363	263	20.68	59	28.483	294	17.27	46	21.75	101	34.81	150	46.012	478	42.11	119
Okt. 6	18.626	245	21.27	98	28.777	277	17.73	37	22.76	95	36.31	185	46.490	452	43.30	142
16	18.871	224	22.25	133	29.054	258	18.10	30	23.71	87	38.16	217	46.942	419	44.72	161
26	19.095	200	23.58	163	29.312	235	18.40	23	24.58	76	40.33	245	47.361	378	46.33	178
Nov. 5	19.295	170	25.21	185	29.547	207	18.63	18	25.34	65	42.78	267	47.739	330	48.11	191
15	19.465	139	27.06	201	29.754	176	18.81	14	25.99	51	45.45	284	48.069	274	50.02	202
25	19.604	104	29.07	208	29.930	140	18.95	10	26.50	36	48.29	294	48.343	212	52.04	207
Dez. 4	30 19.708	66	31.15	209	30 30.070	100	19.05	8	1 26.86	20	51.23	295	2 48.555	141	54.11	208
14	19.774	26	33.24	201	30.170	58	19.13	6	27.06	3	54.18	287	48.696	67	56.19	200
24	19.800	16	35.25	188	30.228	14	19.19	3	27.09	14	57.05	270	48.763	8	58.19	188
34	19.784		37.13		30.242		19.22		26.95		59.75		48.755		60.07	
Mittl. Ort	14.877		40.86		24.079		8.58		11.14		41.95		39.797		44.73	
sec δ, tg δ	1.033		−0.257		1.085		+0.421		4.084		+3.960		1.819		+1.519	
a, *a*′	+2.8		+7.2		+3.6		+7.0		+8.0		+6.8		+5.0		+6.6	
b, *b*′	−0.01		−0.93		+0.01		−0.94		+0.09		−0.94		+0.03		−0.94	

Tag	178) 9 Camelop. AR.		178) 9 Camelop. Dekl.		180) π^5 Orionis AR.		180) π^5 Orionis Dekl.		181) ι Aurigae AR.		181) ι Aurigae Dekl.		183) ε Aurigae AR.		183) ε Aurigae Dekl.	
1936	$4^h 47^m$		+66° 14′		$4^h 50^m$		+2° 20′		$4^h 52^m$		+33° 3′		$4^h 57^m$		+43° 43′	
Jan. 0	45.35	9	23.72	223	57.249	7	16.57	105	52.143	1	66.66	59	25.481	4	57.84	117
10	45.26	20	25.95	195	57.242	49	15.52	94	52.142	51	67.25	51	25.477	62	59.01	104
20	45.06	28	27.90	160	57.193	87	14.58	82	52.091	97	67.76	39	25.415	117	60.05	84
30	44.78	35	29.50	120	57.106	119	13.76	68	51.994	138	68.15	24	25.298	164	60.89	62
Feb. 9	44.43	42	30.70	73	56.987	147	13.08	53	51.856	170	68.39	8	25.134	202	61.51	35
19	44.01	45	31.43	25	56.840	164	12.55	39	51.686	192	68.47	9	24.932	227	61.86	7
29	43.56	46	31.68	25	56.676	172	12.16	25	51.494	202	68.38	28	24.705	239	61.93	22
März 10	43.10	45	31.43	73	56.504	170	11.91	8	51.292	199	68.10	45	24.466	236	61.71	50
20	42.65	42	30.70	118	56.334	157	11.83	7	51.093	184	67.65	60	24.230	220	61.21	76
30	42.23	36	29.52	157	56.177	137	11.90	23	50.909	158	67.05	71	24.010	190	60.45	98
Apr. 9	41.87	29	27.95	189	56.040	106	12.13	40	50.751	122	66.34	80	23.820	150	59.47	116
19	41.58	20	26.06	215	55.934	71	12.53	57	50.629	78	65.54	84	23.670	100	58.31	127
29	41.38	10	23.91	231	55.863	29	13.10	74	50.551	29	64.70	84	23.570	45	57.04	135
Mai 9	41.28	0	21.60	240	55.834	14	13.84	91	50.522	23	63.86	80	23.525	16	55.69	136
19	41.28	10	19.20	240	55.848	58	14.75	106	50.545	75	63.06	72	23.541	75	54.33	132
29	41.38	21	16.80	233	55.906	101	15.81	119	50.620	127	62.34	61	23.616	134	53.01	124
Juni 8	41.59	30	14.47	219	56.007	142	17.00	129	50.747	175	61.73	49	23.750	190	51.77	111
18	41.89	39	12.28	198	56.149	178	18.29	137	50.922	219	61.24	34	23.940	240	50.66	96
28	42.28	47	10.30	173	56.327	212	19.66	140	51.141	256	60.90	20	24.180	284	49.70	78
Juli 8	42.75	53	8.57	145	56.539	238	21.06	140	51.397	288	60.70	5	24.464	322	48.92	60
18	43.28	59	7.12	112	56.777	259	22.46	133	51.685	313	60.65	9	24.786	353	48.32	38
28	43.87	63	6.00	78	57.036	276	23.79	123	51.998	332	60.74	22	25.139	375	47.94	19
Aug. 7	44.50	67	5.22	44	57.312	287	25.02	108	52.330	344	60.96	32	25.514	390	47.75	1
17	45.17	68	4.78	7	57.599	292	26.10	89	52.674	351	61.28	41	25.904	401	47.74	18
27	45.85	68	4.71	28	57.891	292	26.99	65	53.025	353	61.69	49	26.305	403	47.92	34
Sept. 6	46.53	68	4.99	62	58.183	290	27.64	40	53.378	349	62.18	53	26.708	401	48.26	50
16	47.21	67	5.61	96	58.473	282	28.04	13	53.727	341	62.71	57	27.109	393	48.76	64
26	47.88	64	6.57	128	58.755	272	28.17	14	54.068	330	63.28	59	27.502	382	49.40	77
Okt. 6	48.52	61	7.85	157	59.027	258	28.03	42	54.398	314	63.87	62	27.884	364	50.17	90
16	49.13	56	9.42	185	59.285	240	27.61	65	54.712	295	64.49	63	28.248	342	51.07	100
26	49.69	51	11.27	208	59.525	219	26.96	86	55.007	272	65.12	64	28.590	314	52.07	110
Nov. 5	50.20	44	13.35	228	59.744	195	26.10	102	55.279	242	65.76	66	28.904	281	53.17	119
15	50.64	36	15.63	242	59.939	166	25.08	114	55.521	208	66.42	68	29.185	241	54.36	125
25	51.00	27	18.05	252	60.105	133	23.94	120	55.729	170	67.10	69	29.426	195	55.61	130
Dez. 4*)	3 51.27	17	20.57	254	4 60.238	96	22.74	122	4 55.899	125	67.79	68	29.621	144	56.91	132
14	51.44	7	23.11	247	60.334	57	21.52	118	56.024	78	68.47	66	5 29.765	88	58.23	130
24	51.51	3	25.58	235	60.391	15	20.34	112	56.102	27	69.13	63	29.853	29	59.53	123
34	51.48		27.93		60.406		19.22		56.129		69.76		29.882		60.76	
Mittl. Ort	40.38		12.24		54.964		13.98		49.371		59.50		22.331		49.62	
sec δ, tg δ	2.482		+2.271		1.001		+0.041		1.193		+0.651		1.384		+0.957	
a, *a*′	+6.0		+6.2		+3.1		+6.0		+3.9		+5.8		+4.3		+5.4	
b, *b*′	+0.05		−0.95		0.00		−0.95		+0.01		−0.96		+0.02		−0.96	

*) Bei Stern 183) lies Dez. 5

Tag	182) 10 Camelop. AR.		182) Dekl.		184) ι Tauri AR.		184) Dekl.		185) η Aurigae AR.		185) Dekl.		186) ε Leporis AR.		186) Dekl.	
1936	$4^h\ 57^m$		+60° 20′		$4^h\ 59^m$		+21° 30′		$5^h\ 2^m$		+41° 8′		$5^h\ 2^m$		−22° 27′	
Jan. 0	47.25	4	74.26	200	18.652	7	5.77	4	4.461	4	66.85	105	47.308	28	21.89	220
10	47.21	12	76.26	178	18.659	37	5.73	5	4.465	52	67.90	93	47.280	71	24.09	196
20	47.09	20	78.04	149	18.622	81	5.68	7	4.413	106	68.83	76	47.209	112	26.05	165
30	46.89	27	79.53	113	18.541	120	5.61	11	4.307	152	69.59	56	47.097	147	27.70	132
Feb. 9	46.62	32	80.66	72	18.421	149	5.50	15	4.155	189	70.15	32	46.950	174	29.02	96
19	46.30	35	81.38	29	18.272	170	5.35	19	3.966	216	70.47	8	46.776	195	29.98	59
29	45.95	37	81.67	15	18.102	180	5.16	26	3.750	228	70.55	19	46.581	203	30.57	22
März 10	45.58	37	81.52	59	17.922	180	4.90	30	3.522	226	70.36	44	46.378	203	30.79	16
20	45.21	33	80.93	99	17.742	167	4.60	33	3.296	212	69.92	69	46.175	192	30.63	52
30	44.88	30	79.94	136	17.575	145	4.27	35	3.084	185	69.23	88	45.983	172	30.11	88
Apr. 9	44.58	24	78.58	167	17.430	114	3.92	34	2.899	146	68.35	105	45.811	144	29.23	121
19	44.34	17	76.91	189	17.316	75	3.58	31	2.753	99	67.30	115	45.667	107	28.02	152
29	44.17	9	75.02	206	17.241	31	3.27	24	2.654	46	66.15	121	45.560	67	26.50	180
Mai 9	44.08	0	72.96	214	17.210	15	3.03	17	2.608	11	64.94	123	45.493	24	24.70	204
19	44.08	8	70.82	215	17.225	64	2.86	6	2.619	69	63.71	118	45.469	23	22.66	224
29	44.16	16	68.67	209	17.289	109	2.80	5	2.688	125	62.53	111	45.492	68	20.42	238
Juni 8	44.32	25	66.58	197	17.398	153	2.85	17	2.813	179	61.42	99	45.560	111	18.04	247
18	44.57	31	64.61	179	17.551	193	3.02	28	2.992	228	60.43	84	45.671	152	15.57	250
28	44.88	38	62.82	158	17.744	228	3.30	38	3.220	270	59.59	68	45.823	189	13.07	244
Juli 8	45.26	44	61.24	132	17.972	256	3.68	46	3.490	307	58.91	51	46.012	221	10.63	233
18	45.70	49	59.92	104	18.228	281	4.14	53	3.797	337	58.40	33	46.233	247	8.30	213
28	46.19	52	58.88	74	18.509	298	4.67	57	4.134	359	58.07	16	46.480	268	6.17	187
Aug. 7	46.71	54	58.14	44	18.807	309	5.24	57	4.493	375	57.91	1	46.748	284	4.30	155
17	47.25	56	57.70	13	19.116	317	5.81	56	4.868	384	57.92	17	47.032	294	2.75	116
27	47.81	57	57.57	19	19.433	318	6.37	52	5.252	389	58.09	31	47.326	299	1.59	72
Sept. 6	48.38	57	57.76	48	19.751	317	6.89	44	5.641	386	58.40	45	47.625	298	0.87	26
16	48.95	56	58.24	77	20.068	310	7.33	37	6.027	381	58.85	56	47.923	292	0.61	22
26	49.51	54	59.01	105	20.378	300	7.70	28	6.408	369	59.41	67	48.215	281	0.83	71
Okt. 6	50.05	51	60.06	132	20.678	288	7.98	19	6.777	354	60.08	76	48.496	268	1.54	116
16	50.56	48	61.38	155	20.966	271	8.17	11	7.131	333	60.84	86	48.764	247	2.70	158
26	51.04	44	62.93	177	21.237	250	8.28	4	7.464	308	61.70	95	49.011	224	4.28	194
Nov. 5	51.48	38	64.70	195	21.487	224	8.32	1	7.772	277	62.65	102	49.235	196	6.22	222
15	51.86	33	66.65	210	21.711	195	8.31	5	8.049	239	63.67	108	49.431	163	8.44	243
25	52.19	26	68.75	219	21.906	161	8.26	6	8.288	195	64.75	112	49.594	126	10.87	254
Dez. 5	52.45	17	70.94	223	22.067	122	8.20	6	8.483	147	65.87	115	49.720	85	13.41	256
14	5 52.62	10	73.17	220	6 22.189	78	8.14	6	6 8.630	93	67.02	114	7 49.805	42	15.97	249
24	52.72	1	75.37	210	22.267	33	8.08	5	8.723	36	68.16	109	49.847	3	18.46	234
34	52.73		77.47		22.300		8.03		8.759		69.25		49.844		20.80	
Mittl. Ort	42.98		64.28		16.109		0.66		1.396		59.33		45.078		20.86	
sec δ, tg δ	2.022		+1.757		1.075		+0.394		1.328		+0.874		1.082		−0.413	
a, a′	+5.3		+5.4		+3.6		+5.2		+4.2		+5.0		+2.5		+5.0	
b, b′	+0.03		−0.96		+0.01		−0.96		+0.01		−0.97		−0.01		−0.97	

Tag	188) β Eridani AR.		188) β Eridani Dekl.		192) μ Aurigae AR.		192) μ Aurigae Dekl.		194) β Orionis AR.		194) β Orionis Dekl.		193) α Aurigae AR.		193) α Aurigae Dekl.	
1936	5h 4m		−5° 9′		5h 9m		+38° 24′		5h 11m		−8° 16′		5h 11m		+45° 56′	
Jan. 0	44.427 s	2	62.98″	147	5.740 s	14	44.59″	90	29.932 s	0	26.62″	164	60.781 s	12	13.03″	131
10	44.425	45	64.45	131	5.754	41	45.49	82	29.932	43	28.26	146	60.793	80	14.34	119
20	44.380	84	65.76	112	5.713	94	46.31	68	29.889	83	29.72	126	60.743	110	15.53	100
30	44.296	119	66.88	92	5.619	140	46.99	51	29.806	118	30.98	103	60.633	161	16.53	78
Feb. 9	44.177	147	67.80	71	5.479	177	47.50	31	29.688	148	32.01	79	60.472	203	17.31	52
19	44.030	167	68.51	48	5.302	203	47.81	8	29.540	168	32.80	53	60.269	233	17.83	21
29	43.863	177	68.99	26	5.099	218	47.89	14	29.372	180	33.33	28	60.036	249	18.04	9
März 10	43.686	177	69.25	2	4.881	218	47.75	37	29.192	181	33.61	2	59.787	250	17.95	39
20	43.509	167	69.27	19	4.663	206	47.38	59	29.011	172	33.63	23	59.537	236	17.56	68
30	43.342	147	69.08	42	4.457	180	46.79	76	28.839	153	33.40	48	59.301	210	16.88	93
Apr. 9	43.195	121	68.66	64	4.277	145	46.03	92	28.686	127	32.92	72	59.091	169	15.95	115
19	43.074	85	68.02	86	4.132	101	45.11	101	28.559	93	32.20	96	58.922	121	14.80	130
29	42.989	47	67.16	106	4.031	50	44.10	106	28.466	55	31.24	118	58.801	64	13.50	141
Mai 9	42.942	4	66.10	125	3.981	4	43.04	108	28.411	12	30.06	138	58.737	5	12.09	147
19	42.938	40	64.85	142	3.985	60	41.96	104	28.399	30	28.68	155	58.732	58	10.62	145
29	42.978	82	63.43	155	4.045	114	40.92	96	28.429	74	27.13	169	58.790	118	9.17	140
Juni 8	43.060	123	61.88	165	4.159	165	39.96	86	28.503	114	25.44	180	58.908	176	7.77	130
18	43.183	161	60.23	171	4.324	213	39.10	74	28.617	153	23.64	185	59.084	230	6.47	117
28	43.344	194	58.52	172	4.537	255	38.36	58	28.770	187	21.79	184	59.314	277	5.30	101
Juli 8	43.538	223	56.80	168	4.792	291	37.78	44	28.957	216	19.95	180	59.591	318	4.29	83
18	43.761	246	55.12	158	5.083	319	37.34	27	29.173	241	18.15	168	59.909	351	3.46	63
28	44.007	265	53.54	142	5.402	343	37.07	13	29.414	261	16.47	152	60.260	378	2.83	44
Aug. 7	44.272	278	52.12	121	5.745	359	36.94	2	29.675	274	14.95	128	60.638	397	2.39	24
17	44.550	285	50.91	96	6.104	368	36.96	14	29.949	284	13.67	101	61.035	410	2.15	5
27	44.835	289	49.95	67	6.472	374	37.10	27	30.233	288	12.66	68	61.445	416	2.10	13
Sept. 6	45.124	288	49.28	34	6.846	373	37.37	36	30.521	289	11.98	34	61.861	417	2.23	30
16	45.412	283	48.94	0	7.219	368	37.73	46	30.810	284	11.64	4	62.278	412	2.53	48
26	45.695	274	48.94	34	7.587	359	38.19	54	31.094	276	11.68	40	62.690	403	3.01	63
Okt. 6	45.969	262	49.28	68	7.946	346	38.73	62	31.370	265	12.08	77	63.093	388	3.64	77
16	46.231	245	49.96	98	8.292	327	39.35	69	31.635	250	12.85	109	63.481	366	4.41	92
26	46.476	226	50.94	123	8.619	303	40.04	76	31.885	230	13.94	138	63.847	341	5.33	105
Nov. 5	46.702	201	52.17	145	8.922	274	40.80	82	32.115	205	15.32	161	64.188	307	6.38	116
15	46.903	173	53.62	159	9.196	240	41.62	89	32.320	178	16.93	176	64.495	268	7.54	127
25	47.076	140	55.21	168	9.436	198	42.51	93	32.498	144	18.69	186	64.763	221	8.81	134
Dez. 5	47.216	103	56.89	169	9.634	151	43.44	96	32.642	107	20.55	189	64.984	167	10.15	139
14	7 47.319	63	58.58	165	8 9.785	100	44.40	97	9 32.749	67	22.44	184	9 65.151	110	11.54	140
24	47.382	21	60.23	156	9.885	45	45.37	93	32.816	24	24.28	174	65.261	47	12.94	135
34	47.403		61.79		9.930		46.30		32.840		26.02		65.308		14.29	
Mittl. Ort	42.158		64.14		2.748		37.95		27.664		27.26		57.471		5.81	
sec δ, tg δ	1.004		−0.090		1.276		+0.793		1.011		−0.145		1.438		+1.033	
a, *a′*	+3.0		+4.8		+4.1		+4.4		+2.9		+4.2		+4.4		+4.2	
b, *b′*	0.00		−0.97		+0.01		−0.98		0.00		−0.98		+0.01		−0.98	

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Tag	191) 19 H. Camelop. AR.		Dekl.		196) ϑ Doradus AR.		Dekl.	
1936	5h 11m		+79° 9′		5h 13m		−67° 15′	
	s		″		s		″	
Jan. 0	68.20	20	53.99	281	51.43	27	30.36	312
10	68.00	41	56.80	257	51.16	35	33.48	276
20	67.59	61	59.37	221	50.81	44	36.24	231
30	66.98	78	61.58	177	50.37	51	38.55	182
Feb. 9	66.20	92	63.35	128	49.86	56	40.37	128
19	65.28	101	64.63	72	49.30	60	41.65	74
29	64.27	105	65.35	14	48.70	61	42.39	17
März 10	63.22	105	65.49	44	48.09	61	42.56	38
20	62.17	100	65.05	98	47.48	59	42.18	90
30	61.17	90	64.07	149	46.89	55	41.28	141
Apr. 9	60.27	77	62.58	194	46.34	50	39.87	188
19	59.50	60	60.64	230	45.84	43	37.99	229
29	58.90	41	58.34	258	45.41	35	35.70	266
Mai 9	58.49	21	55.76	276	45.06	27	33.04	295
19	58.28	1	53.00	286	44.79	17	30.09	319
29	58.29	21	50.14	287	44.62	7	26.90	335
Juni 8	58.50	43	47.27	278	44.55	2	23.55	340
18	58.93	62	44.49	264	44.57	12	20.15	339
28	59.55	80	41.85	241	44.69	21	16.76	327
Juli 8	60.35	95	39.44	214	44.90	31	13.49	306
18	61.30	110	37.30	181	45.21	38	10.43	277
28	62.40	121	35.49	146	45.59	45	7.66	237
Aug. 7	63.61	130	34.03	106	46.04	52	5.29	190
17	64.91	136	32.97	65	46.56	55	3.39	136
27	66.27	140	32.32	22	47.11	58	2.03	77
Sept. 6	67.67	142	32.10	20	47.69	59	1.26	13
16	69.09	140	32.30	62	48.28	59	1.13	52
26	70.49	137	32.92	104	48.87	57	1.65	117
Okt. 6	71.86	130	33.96	145	49.44	52	2.82	177
16	73.16	122	35.41	182	49.96	47	4.59	234
26	74.38	110	37.23	216	50.43	40	6.93	281
Nov. 5	75.48	96	39.39	247	50.83	32	9.74	320
15	76.44	79	41.86	272	51.15	22	12.94	347
25	77.23	60	44.58	290	51.37	11	16.41	361
Dez. 5	77.83	39	47.48	300	51.48	2	20.02	363
14	9 78.22	17	50.48	300	9 51.50	10	23.65	354
24	78.39	6	53.48	292	51.40	20	27.19	331
34	78.33		56.40		51.20		30.50	
Mittl. Ort	58.18		44.20		48.09		26.29	
sec δ, tg δ	5.318		+5.223		2.587		−2.386	
a, *a′*	+9.9		+4.2		−0.1		+4.0	
b, *b′*	+0.07		−0.98		−0.03		−0.98	

Tag	201) γ Orionis AR.		Dekl.		202) β Tauri AR.		Dekl.	
1936	5h 21m		+6° 17′		5h 22m		+28° 33′	
	s		″		s		″	
Jan. 0	44.240	21	37.19	93	17.434	30	23.12	35
10	44.261	22	36.26	82	17.464	21	23.47	33
20	44.239	65	35.44	71	17.443	68	23.80	28
30	44.174	104	34.73	60	17.375	113	24.08	22
Feb. 9	44.070	134	34.13	48	17.262	149	24.30	12
19	43.936	158	33.65	37	17.113	175	24.42	0
29	43.778	171	33.28	25	16.938	191	24.42	12
März 10	43.607	175	33.03	15	16.747	194	24.30	24
20	43.432	166	32.88	2	16.553	185	24.06	35
30	43.266	150	32.86	9	16.368	166	23.71	46
Apr. 9	43.116	123	32.95	22	16.202	135	23.25	52
19	42.993	90	33.17	36	16.067	98	22.73	56
29	42.903	53	33.53	49	15.969	54	22.17	58
Mai 9	42.850	9	34.02	62	15.915	6	21.59	55
19	42.841	33	34.64	76	15.909	43	21.04	49
29	42.874	76	35.40	87	15.952	92	20.55	43
Juni 8	42.950	118	36.27	98	16.044	138	20.12	34
18	43.068	155	37.25	106	16.182	181	19.78	23
28	43.223	190	38.31	109	16.363	219	19.55	13
Juli 8	43.413	219	39.40	111	16.582	253	19.42	3
18	43.632	243	40.51	107	16.835	279	19.39	6
28	43.875	263	41.58	100	17.114	301	19.45	13
Aug. 7	44.138	278	42.58	88	17.415	317	19.58	19
17	44.416	287	43.46	73	17.732	328	19.77	23
27	44.703	292	44.19	54	18.060	334	20.00	25
Sept. 6	44.995	294	44.73	33	18.394	336	20.25	25
16	45.289	292	45.06	8	18.730	333	20.50	25
26	45.581	286	45.14	15	19.063	327	20.75	24
Okt. 6	45.867	276	44.99	38	19.390	317	20.99	22
16	46.143	263	44.61	59	19.707	302	21.21	21
26	46.406	246	44.02	77	20.009	284	21.42	21
Nov. 5	46.652	224	43.25	92	20.293	260	21.63	22
15	46.876	197	42.33	102	20.553	230	21.85	25
25	47.073	166	41.31	107	20.783	194	22.10	27
Dez. 5	47.239	130	40.24	108	20.977	153	22.37	30
14	11 47.369	89	39.16	105	12 21.130	108	22.67	33
24	47.458	46	38.11	98	21.238	58	23.00	34
34	47.504		37.13		21.296		23.34	
Mittl. Ort	41.849		35.09		14.684		18.56	
sec δ, tg δ	1.006		+0.110		1.138		+0.544	
a, *a′*	+3.2		+3.3		+3.8		+3.3	
b, *b′*	0.00		−0.99		+0.01		−0.99	

Tag	203) 17 Camelop.				206) δ Orionis				207) α Leporis				205) Grb 966			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$5^h\ 24^m$		+63° 0′		$5^h\ 28^m$		−0° 20′		$5^h\ 29^m$		−17° 51′		$5^h\ 31^m$		+75° 0′	
Jan. 0	11.90	0	66.70	220	46.498	23	41.16	131	56.685	4	61.32	216	17.06	5	26.12	272
10	11.90	9	68.90	203	46.521	22	42.47	116	56.689	41	63.48	195	17.01	21	28.84	253
20	11.81	19	70.93	178	46.499	64	43.63	101	56.648	84	65.43	169	16.80	36	31.37	224
30	11.62	26	72.71	145	46.435	102	44.64	85	56.564	123	67.12	139	16.44	50	33.61	186
Feb. 9	11.36	33	74.16	107	46.333	134	45.49	66	56.441	155	68.51	107	15.94	62	35.47	141
19	11.03	38	75.23	63	46.199	158	46.15	48	56.286	178	69.58	74	15.32	69	36.88	90
29	10.65	40	75.86	17	46.041	172	46.63	30	56.108	193	70.32	40	14.63	75	37.78	36
März 10	10.25	41	76.03	28	45.869	177	46.93	11	55.915	196	70.72	6	13.88	75	38.14	19
20	9.84	39	75.75	73	45.692	170	47.04	6	55.719	191	70.78	27	13.13	73	37.95	72
30	9.45	35	75.02	114	45.522	154	46.98	24	55.528	174	70.51	60	12.40	67	37.23	122
Apr. 9	9.10	30	73.88	150	45.368	130	46.74	42	55.354	150	69.91	91	11.73	59	36.01	168
19	8.80	24	72.38	179	45.238	98	46.32	60	55.204	119	69.00	121	11.14	46	34.33	205
29	8.56	15	70.59	203	45.140	60	45.72	78	55.085	81	67.79	148	10.68	34	32.28	235
Mai 9	8.41	6	68.56	217	45.080	20	44.94	94	55.004	40	66.31	172	10.34	19	29.93	257
19	8.35	3	66.39	225	45.060	22	44.00	109	54.964	4	64.59	193	10.15	4	27.36	270
29	8.38	12	64.14	226	45.082	65	42.91	123	54.968	46	62.66	208	10.11	12	24.66	275
Juni 8	8.50	20	61.88	220	45.147	105	41.68	132	55.014	89	60.58	220	10.23	27	21.91	271
18	8.70	29	59.68	207	45.252	144	40.36	139	55.103	130	58.38	225	10.50	41	19.20	260
28	8.99	37	57.61	190	45.396	178	38.97	142	55.233	166	56.13	223	10.91	55	16.60	243
Juli 8	9.36	42	55.71	169	45.574	208	37.55	140	55.399	198	53.90	216	11.46	66	14.17	220
18	9.78	49	54.02	143	45.782	233	36.15	134	55.597	226	51.74	201	12.12	78	11.97	192
28	10.27	53	52.59	116	46.015	253	34.81	122	55.823	250	49.73	180	12.90	86	10.05	160
Aug. 7	10.80	57	51.43	86	46.268	269	33.59	106	56.073	267	47.93	152	13.76	93	8.45	126
17	11.37	59	50.57	55	46.537	280	32.53	85	56.340	281	46.41	118	14.69	99	7.19	88
27	11.96	61	50.02	24	46.817	287	31.68	60	56.621	289	45.23	79	15.68	102	6.31	49
Sept. 6	12.57	62	49.78	8	47.104	289	31.08	32	56.910	293	44.44	37	16.70	105	5.82	10
16	13.19	61	49.86	40	47.393	288	30.76	2	57.203	292	44.07	9	17.75	104	5.72	31
26	13.80	61	50.26	70	47.681	284	30.74	27	57.495	286	44.16	54	18.79	103	6.03	70
Okt. 6	14.41	58	50.96	101	47.965	274	31.01	57	57.781	277	44.70	98	19.82	99	6.73	109
16	14.99	55	51.97	129	48.239	262	31.58	85	58.058	263	45.68	138	20.81	94	7.82	147
26	15.54	51	53.26	156	48.501	246	32.43	107	58.321	244	47.06	174	21.75	87	9.29	182
Nov. 5	16.05	47	54.82	180	48.747	224	33.50	127	58.565	219	48.80	204	22.62	78	11.11	213
15	16.52	40	56.62	201	48.971	198	34.77	140	58.784	190	50.84	224	23.40	66	13.24	241
25	16.92	32	58.63	217	49.169	167	36.17	147	58.974	157	53.08	238	24.06	53	15.65	262
Dez. 5	17.24	24	60.80	227	49.336	130	37.64	150	59.131	117	55.46	243	24.59	38	18.27	276
14	17.48	15	63.07	231	49.466	91	39.14	146	59.248	75	57.89	239	24.97	22	21.03	282
24	17.63	6	65.38	226	49.557	47	40.60	137	59.323	30	60.28	228	25.19	6	23.85	279
34	17.69		67.64		49.604		41.97		59.353		62.56		25.25		26.64	
Mittl. Ort	7.15		59.17		44.152		42.32		54.408		60.80		9.33		18.64	
sec δ, tg δ	2.204		+1.964		1.000		−0.006		1.051		−0.322		3.865		+3.733	
a, *a′*	+5.7		+3.1		+3.1		+2.7		+2.6		+2.6		+8.0		+2.5	
b, *b′*	+0.02		−0.99		0.00		−0.99		0.00		−0.99		+0.03		−0.99	

Tag	209) ι Orionis				210) ε Orionis				212) β Doradus				211) ζ Tauri			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	5h 32m		−5° 56′		5h 32m		−1° 14′		5h 33m		−62° 31′		5h 33m		+21° 6′	
Jan. 0	20.434	21	61.73	161	60.252	26	28.11	136	7.07	16	56.46	329	51.755	40	21.54	9
10	20.455	24	63.34	144	60.278	19	29.47	123	6.91	25	59.75	297	51.795	9	21.45	6
20	20.431	66	64.78	126	60.259	62	30.70	106	6.66	33	62.72	255	51.786	55	21.39	4
30	20.365	105	66.04	104	60.197	100	31.76	88	6.33	38	65.27	210	51.731	99	21.35	4
Feb. 9	20.260	137	67.08	81	60.097	133	32.64	69	5.95	45	67.37	158	51.632	134	21.31	5
19	20.123	161	67.89	58	59.964	158	33.33	50	5.50	47	68.95	104	51.498	161	21.26	8
29	19.962	176	68.47	35	59.806	172	33.83	32	5.03	50	69.99	49	51.337	178	21.18	12
März 10	19.786	180	68.82	11	59.634	177	34.15	12	4.53	50	70.48	5	51.159	183	21.06	17
20	19.606	175	68.93	12	59.457	171	34.27	6	4.03	49	70.43	59	50.976	178	20.89	20
30	19.431	159	68.81	36	59.286	157	34.21	25	3.54	47	69.84	111	50.798	160	20.69	23
Apr. 9	19.272	136	68.45	57	59.129	132	33.96	44	3.07	42	68.73	159	50.638	134	20.46	24
19	19.136	104	67.88	80	58.997	101	33.52	63	2.65	37	67.14	204	50.504	101	20.22	24
29	19.032	68	67.08	100	58.896	64	32.89	80	2.28	31	65.10	243	50.403	60	19.98	20
Mai 9	18.964	28	66.08	120	58.832	24	32.09	98	1.97	24	62.67	276	50.343	16	19.78	15
19	18.936	15	64.88	136	58.808	18	31.11	112	1.73	16	59.91	303	50.327	30	19.63	9
29	18.951	57	63.52	151	58.826	60	29.99	126	1.57	8	56.88	323	50.357	75	19.54	1
Juni 8	19.008	97	62.01	161	58.886	101	28.73	136	1.49	0	53.65	334	50.432	120	19.53	8
18	19.105	136	60.40	167	58.987	139	27.37	142	1.49	9	50.31	337	50.552	159	19.61	15
28	19.241	171	58.73	169	59.126	173	25.95	146	1.58	16	46.94	330	50.711	197	19.76	24
Juli 8	19.412	201	57.04	166	59.299	204	24.49	143	1.74	24	43.64	313	50.908	228	20.00	29
18	19.613	228	55.38	156	59.503	230	23.06	137	1.98	31	40.51	287	51.136	255	20.29	34
28	19.841	248	53.82	141	59.733	250	21.69	124	2.29	37	37.64	253	51.391	277	20.63	36
Aug. 7	20.089	265	52.41	122	59.983	267	20.45	108	2.66	42	35.11	209	51.668	293	20.99	35
17	20.354	277	51.19	96	60.250	278	19.37	86	3.08	47	33.02	157	51.961	305	21.34	33
27	20.631	285	50.23	66	60.528	285	18.51	60	3.55	49	31.45	100	52.266	313	21.67	27
Sept. 6	20.916	287	49.57	34	60.813	289	17.91	32	4.04	51	30.45	38	52.579	315	21.94	20
16	21.203	288	49.23	1	61.102	288	17.59	1	4.55	51	30.07	27	52.894	315	22.14	12
26	21.491	282	49.24	37	61.390	284	17.58	30	5.06	49	30.34	93	53.209	311	22.26	3
Okt. 6	21.773	275	49.61	71	61.674	276	17.88	60	5.55	48	31.27	155	53.520	304	22.29	6
16	22.048	262	50.32	103	61.950	264	18.48	88	6.03	43	32.82	214	53.824	291	22.23	13
26	22.310	245	51.35	131	62.214	248	19.36	112	6.46	38	34.96	266	54.115	275	22.10	19
Nov. 5	22.555	224	52.66	153	62.462	227	20.48	132	6.84	32	37.62	308	54.390	254	21.91	23
15	22.779	198	54.19	169	62.689	201	21.80	146	7.16	24	40.70	339	54.644	227	21.68	24
25	22.977	165	55.88	179	62.890	170	23.26	153	7.40	16	44.09	359	54.871	195	21.44	23
Dez. 5	23.142	130	57.67	183	63.060	134	24.79	156	7.56	7	47.68	367	55.066	156	21.21	21
14*)	[14] 23.272	89	59.50	178	[14] 63.194	94	26.35	153	[14] 7.63	2	51.35	362	[15] 55.222	114	21.00	16
24	23.361	45	61.28	170	63.288	50	27.88	144	7.61	11	54.97	345	55.336	67	20.84	13
34	23.406		62.98		63.338		29.32		7.50		58.42		55.403		20.71	
Mittl. Ort	18.118		62.26		57.906		29.06		4.02		53.45		49.135		18.49	
sec δ, tg δ	1.005		−0.104		1.000		−0.022		2.168		−1.924		1.072		+0.386	
a, *a′*	+2.9		+2.4		+3.0		+2.4		+0.5		+2.3		+3.6		+2.3	
b, *b′*	0.00		−0.99		0.00		−0.99		−0.02		−0.99		0.00		−0.99	

*) Bei Stern 211) lies Dez. 15

Tag	215) α Columbae AR.		215) α Columbae Dekl.		216) ο Aurigae AR.		216) ο Aurigae Dekl.		219) ζ Leporis AR.		219) ζ Leporis Dekl.		220) κ Orionis AR.		220) κ Orionis Dekl.	
1936	$5^h\ 37^m$		−34° 6′		$5^h\ 40^m$		+49° 47′		$5^h\ 44^m$		−14° 50′		$5^h\ 44^m$		−9° 41′	
Jan. 0	$22^s.157$	19	28″.24	282	$60^s.070$	49	66″.30	157	$5^s.595$	21	40″.66	209	$45^s.559$	28	27″.72	184
10	22.138	70	31.06	255	60.119	22	67.87	148	5.616	25	42.75	190	45.587	17	29.56	167
20	22.068	118	33.61	223	60.097	90	69.35	134	5.591	68	44.65	166	45.570	62	31.23	146
30	21.950	160	35.84	184	60.007	151	70.69	113	5.523	110	46.31	138	45.508	101	32.69	122
Feb. 9	21.790	196	37.68	142	59.856	202	71.82	86	5.413	142	47.69	109	45.407	135	33.91	96
19	21.594	222	39.10	98	59.654	242	72.68	57	5.271	169	48.78	78	45.272	162	34.87	69
29	21.372	238	40.08	54	59.412	266	73.25	23	5.102	185	49.56	47	45.110	178	35.56	43
März 10	21.134	243	40.62	7	59.146	276	73.48	10	4.917	192	50.03	15	44.932	184	35.99	15
20	20.891	238	40.69	37	58.870	268	73.38	44	4.725	188	50.18	16	44.748	181	36.14	12
30	20.653	221	40.32	80	58.602	246	72.94	75	4.537	174	50.02	46	44.567	167	36.02	37
Apr. 9	20.432	196	39.52	121	58.356	211	72.19	103	4.363	152	49.56	76	44.400	145	35.65	63
19	20.236	164	38.31	159	58.145	164	71.16	126	4.211	122	48.80	104	44.255	116	35.02	88
29	20.072	123	36.72	193	57.981	108	69.90	143	4.089	87	47.76	129	44.139	80	34.14	110
Mai 9	19.949	80	34.79	224	57.873	47	68.47	156	4.002	47	46.47	153	44.059	41	33.04	132
19	19.869	32	32.55	249	57.826	16	66.91	162	3.955	5	44.94	173	44.018	0	31.72	149
29	19.837	16	30.06	267	57.842	81	65.29	162	3.950	37	43.21	190	44.018	42	30.23	165
Juni 8	19.853	64	27.39	280	57.923	144	63.67	159	3.987	79	41.31	201	44.060	83	28.58	176
18	19.917	109	24.59	285	58.067	203	62.08	151	4.066	118	39.30	207	44.143	122	26.82	183
28	20.026	153	21.74	281	58.270	256	60.57	138	4.184	155	37.23	208	44.265	157	24.99	184
Juli 8	20.179	192	18.93	270	58.526	303	59.19	124	4.339	187	35.15	203	44.422	189	23.15	180
18	20.371	227	16.23	251	58.829	344	57.95	106	4.526	216	33.12	190	44.611	217	21.35	169
28	20.598	257	13.72	222	59.173	377	56.89	88	4.742	239	31.22	171	44.828	239	19.66	154
Aug. 7	20.855	280	11.50	187	59.550	404	56.01	68	4.981	259	29.51	146	45.067	258	18.12	131
17	21.135	300	9.63	145	59.954	424	55.33	48	5.240	273	28.05	115	45.325	272	16.81	104
27	21.435	312	8.18	95	60.378	438	54.85	27	5.513	284	26.90	79	45.597	282	15.77	72
Sept. 6	21.747	319	7.23	43	60.816	445	54.58	8	5.797	289	26.11	39	45.879	286	15.05	35
16	22.066	320	6.80	13	61.261	446	54.50	13	6.086	290	25.72	4	46.165	289	14.70	2
26	22.386	314	6.93	69	61.707	442	54.63	32	6.376	289	25.76	47	46.454	286	14.72	41
Okt. 6	22.700	304	7.62	124	62.149	432	54.95	53	6.665	280	26.23	89	46.740	279	15.13	79
16	23.004	287	8.86	175	62.581	416	55.48	71	6.945	269	27.12	128	47.019	269	15.92	114
26	23.291	264	10.61	221	62.997	392	56.19	91	7.214	253	28.40	163	47.288	252	17.06	145
Nov. 5	23.555	235	12.82	257	63.389	361	57.10	109	7.467	231	30.03	191	47.540	233	18.51	172
15	23.790	199	15.39	286	63.750	322	58.19	125	7.698	204	31.94	213	47.773	206	20.23	189
25	23.989	158	18.25	304	64.072	274	59.44	139	7.902	172	34.07	227	47.979	175	22.12	202
Dez. 5	24.147	112	21.29	311	64.346	217	60.83	151	8.074	134	36.34	232	48.154	139	24.14	205
15	24.259	63	24.40	308	64.563	156	62.34	157	8.208	92	38.66	229	48.293	97	26.19	203
24	[15]24.322	11	27.48	295	[16]64.719	87	63.91	158	[17]8.300	47	40.95	219	[17]48.390	54	28.22	194
34	24.333		30.43		64.806		65.49		8.347		43.14		48.444		30.16	
Mittl. Ort	19.818		26.59		56.452		61.39		3.295		40.31		43.243		27.72	
sec δ, tg δ	1.208		−0.677		1.549		+1.183		1.035		−0.265		1.014		−0.171	
a, *a′*	+2.2		+2.0		+4.6		+1.7		+2.7		+1.4		+2.8		+1.3	
b, *b′*	0.00		−1.00		+0.01		−1.00		0.00		−1.00		0.00		−1.00	

Tag	224) α Orionis				225) δ Aurigae				227) β Aurigae				228) ϑ Aurigae			
	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ	AR.	Δ	Dekl.	Δ
1936	5h 51m		+7° 23′		5h 54m		+54° 16′		5h 54m		+44° 56′		5h 55m		+37° 12′	
Jan. 0	44.837 s	50	49.29″	94	19.397 s	67	59.74″	181	53.452 s	69	37.87″	130	24.504 s	68	38.56″	85
10	44.887	3	48.35	82	19.464	11	61.55	174	53.521	2	39.17	127	24.572	9	39.41	84
20	44.890	43	47.53	71	19.453	88	63.29	159	53.523	61	40.44	117	24.581	48	40.25	80
30	44.847	85	46.82	58	19.365	157	64.88	139	53.462	120	41.61	102	24.533	101	41.05	70
Feb. 9	44.762	120	46.24	46	19.208	217	66.27	110	53.342	170	42.63	82	24.432	146	41.75	56
19	44.642	148	45.78	35	18.991	263	67.37	78	53.172	209	43.45	58	24.286	182	42.31	39
29	44.494	167	45.43	25	18.728	295	68.15	42	52.963	236	44.03	30	24.104	206	42.70	20
März 10	44.327	175	45.18	13	18.433	307	68.57	5	52.727	248	44.33	2	23.898	217	42.90	2
20	44.152	172	45.05	4	18.126	304	68.62	34	52.479	245	44.35	27	23.681	214	42.88	22
30	43.980	160	45.01	7	17.822	284	68.28	69	52.234	228	44.08	55	23.467	199	42.66	42
Apr. 9	43.820	138	45.08	18	17.538	248	67.59	103	52.006	198	43.53	79	23.268	172	42.24	60
19	43.682	108	45.26	29	17.290	200	66.56	130	51.808	157	42.74	101	23.096	136	41.64	75
29	43.574	73	45.55	40	17.090	142	65.26	153	51.651	109	41.73	117	22.960	92	40.89	86
Mai 9	43.501	33	45.95	52	16.948	77	63.73	171	51.542	54	40.56	129	22.868	44	40.03	93
19	43.468	8	46.47	63	16.871	8	62.02	181	51.488	3	39.27	136	22.824	8	39.10	96
29	43.476	50	47.10	73	16.863	62	60.21	185	51.491	62	37.91	137	22.832	60	38.14	96
Juni 8	43.526	91	47.83	82	16.925	130	58.36	186	51.553	118	36.54	136	22.892	111	37.18	93
18	43.617	129	48.65	90	17.055	196	56.50	179	51.671	172	35.18	130	23.003	159	36.25	87
28	43.746	165	49.55	93	17.251	256	54.71	169	51.843	222	33.88	121	23.162	203	35.38	78
Juli 8	43.911	196	50.48	94	17.507	310	53.02	156	52.065	266	32.67	109	23.365	242	34.60	70
18	44.107	223	51.42	92	17.817	357	51.46	138	52.331	305	31.58	96	23.607	275	33.90	59
28	44.330	245	52.34	84	18.174	397	50.08	119	52.636	336	30.62	82	23.882	304	33.31	50
Aug. 7	44.575	264	53.18	74	18.571	430	48.89	99	52.972	362	29.80	67	24.186	326	32.81	39
17	44.839	276	53.92	60	19.001	455	47.90	76	53.334	383	29.13	51	24.512	344	32.42	30
27	45.115	287	54.52	41	19.456	473	47.14	53	53.717	396	28.62	36	24.856	356	32.12	22
Sept. 6	45.402	293	54.93	22	19.929	485	46.61	29	54.113	406	28.26	21	25.212	364	31.90	13
16	45.695	294	55.15	1	20.414	490	46.32	6	54.519	411	28.05	5	25.576	368	31.77	5
26	45.989	294	55.14	24	20.904	489	46.26	19	54.930	409	28.00	10	25.944	368	31.72	2
Okt. 6	46.283	289	54.90	46	21.393	480	46.45	42	55.339	403	28.10	26	26.312	362	31.74	11
16	46.572	280	54.44	67	21.873	465	46.87	67	55.742	391	28.36	42	26.674	352	31.85	20
26	46.852	266	53.77	84	22.338	442	47.54	91	56.133	373	28.78	58	27.026	336	32.05	28
Nov. 5	47.118	248	52.93	97	22.780	409	48.45	113	56.506	347	29.36	74	27.362	314	32.33	39
15	47.366	225	51.96	107	23.189	367	49.58	135	56.853	314	30.10	89	27.676	285	32.72	49
25	47.591	195	50.89	111	23.556	316	50.93	152	57.167	272	30.99	104	27.961	248	33.21	60
Dez. 5	47.786	159	49.78	112	23.872	254	52.45	168	57.439	222	32.03	115	28.209	205	33.81	70
15	47.945	119	48.66	107	24.126	186	54.13	177	57.661	166	33.18	125	28.414	155	34.51	77
24	19 48.064	75	47.59	100	20 24.312	111	55.90	182	20 57.827	104	34.43	129	20 28.569	99	35.28	83
34	48.139		46.59		24.423		57.72		57.931		35.72		28.668		36.11	
Mittl. Ort	42.387		48.27		15.433		55.85		50.066		34.57		21.435		35.78	
sec δ, tg δ	1.008		+0.130		1.713		+1.391		1.413		+0.998		1.256		+0.759	
a, *a′*	+3.2		+0.7		+4.9		+0.5		+4.4		+0.5		+4.1		+0.4	
b, *b′*	0.00		—1.00		0.00		—1.00		0.00		—1.00		0.00		—1.00	

Tag	229) η Columbae AR.		229) η Columbae Dekl.		232) ν Orionis AR.		232) ν Orionis Dekl.		236) η Geminorum AR.		236) η Geminorum Dekl.		234) 22 H. Camelop. AR.		234) 22 H. Camelop. Dekl.	
1936	$5^h 57^m$		−42° 48′		$6^h 3^m$		+14° 46′		$6^h 11^m$		+22° 31′		$6^h 11^m$		+69° 20′	
Jan. 0	13.720 s	19	66.73″	319	57.648 s	66	40.15″	53	3.590 s	78	38.35″	7	53.98 s	11	46.73″	253
10	13.701	77	69.92	293	57.714	18	39.62	44	3.668	26	38.28	1	54.09	3	49.26	247
20	13.624	133	72.85	259	57.732	31	39.18	34	3.694	24	38.29	6	54.06	16	51.73	229
30	13.491	181	75.44	220	57.701	76	38.84	27	3.670	73	38.35	9	53.90	26	54.02	204
Feb. 9	13.310	224	77.64	176	57.625	114	38.57	21	3.597	114	38.44	10	53.64	37	56.06	169
19	13.086	255	79.40	128	57.511	145	38.36	16	3.483	148	38.54	8	53.27	45	57.75	128
29	12.831	276	80.68	80	57.366	166	38.20	12	3.335	171	38.62	3	52.82	51	59.03	81
März 10	12.555	285	81.48	30	57.200	177	38.08	8	3.164	183	38.65	0	52.31	54	59.84	32
20	12.270	284	81.78	20	57.023	176	38.00	7	2.981	184	38.65	7	51.77	53	60.16	18
30	11.986	269	81.58	67	56.847	165	37.93	3	2.797	174	38.58	12	51.24	52	59.98	68
Apr. 9	11.717	247	80.91	113	56.682	144	37.90	0	2.623	153	38.46	16	50.72	46	59.30	113
19	11.470	213	79.78	155	56.538	116	37.90	4	2.470	125	38.30	20	50.26	40	58.17	155
29	11.257	173	78.23	195	56.422	80	37.94	9	2.345	88	38.10	21	49.86	32	56.62	189
Mai 9	11.084	128	76.28	230	56.342	41	38.03	16	2.257	47	37.89	20	49.54	21	54.73	217
19	10.956	78	73.98	258	56.301	1	38.19	23	2.210	5	37.69	18	49.33	11	52.56	238
29	10.878	26	71.40	281	56.302	43	38.42	29	2.205	41	37.51	15	49.22	1	50.18	251
Juni 8	10.852	27	68.59	296	56.345	86	38.71	37	2.246	83	37.36	10	49.23	11	47.67	257
18	10.879	78	65.63	304	56.431	124	39.08	42	2.329	125	37.26	5	49.34	23	45.10	254
28	10.957	127	62.59	303	56.555	161	39.50	47	2.454	163	37.21	1	49.57	32	42.56	248
Juli 8	11.084	174	59.56	294	56.716	194	39.97	50	2.617	197	37.20	3	49.89	42	40.08	233
18	11.258	217	56.62	275	56.910	222	40.47	49	2.814	228	37.23	6	50.31	51	37.75	215
28	11.475	253	53.87	247	57.132	246	40.96	47	3.042	253	37.29	7	50.82	58	35.60	192
Aug. 7	11.728	286	51.40	211	57.378	265	41.43	40	3.295	273	37.36	5	51.40	64	33.68	165
17	12.014	312	49.29	167	57.643	280	41.83	32	3.568	291	37.41	3	52.04	69	32.03	136
27	12.326	331	47.62	117	57.923	292	42.15	21	3.859	303	37.44	2	52.73	73	30.67	104
Sept. 6	12.657	345	46.45	60	58.215	299	42.36	7	4.162	313	37.42	8	53.46	77	29.63	70
16	13.002	350	45.85	1	58.514	304	42.43	8	4.475	318	37.34	16	54.23	77	28.93	35
26	13.352	350	45.84	60	58.818	305	42.35	23	4.793	320	37.18	22	55.00	79	28.58	2
Okt. 6	13.702	341	46.44	120	59.123	302	42.12	38	5.113	318	36.96	30	55.79	77	28.60	39
16	14.043	324	47.64	176	59.425	294	41.74	51	5.431	312	36.66	34	56.56	75	28.99	75
26	14.367	301	49.40	227	59.719	283	41.23	62	5.743	301	36.32	39	57.31	72	29.74	112
Nov. 5	14.668	268	51.67	271	60.002	266	40.61	70	6.044	285	35.93	39	58.03	66	30.86	146
15	14.936	229	54.38	305	60.268	243	39.91	74	6.329	261	35.54	38	58.69	60	32.32	179
25	15.165	184	57.43	328	60.511	214	39.17	74	6.590	232	35.16	34	59.29	51	34.11	206
Dez. 5	15.349	131	60.71	340	60.725	179	38.43	71	6.822	196	34.82	27	59.80	41	36.17	230
15	[20] 15.480	75	64.11	340	[22] 60.904	138	37.72	66	[24] 7.018	152	34.55	19	60.21	30	38.47	245
24	15.555	16	67.51	331	61.042	93	37.06	58	7.170	106	34.36	12	[24] 60.51	17	40.92	253
34	15.571		70.82		61.135		36.48		7.276		34.24		60.68		43.45	
Mittl. Ort	11.263		65.20		55.090		39.25		0.891		37.49		47.89		44.05	
sec δ, tg δ	1.363		−0.927		1.034		+0.264		1.083		+0.415		2.835		+2.653	
a, *a'*	+1.8		+0.2		+3.4		−0.3		+3.6		−1.0		+6.6		−1.0	
b, *b'*	0.00		−1.00		0.00		−1.00		0.00		−1.00		−0.01		−1.00	

Scheinbare Sternörter 1936

Tag	240) ζ Canis maj. AR.	Δ	240) ζ Canis maj. Dekl.	Δ	241) μ Geminorum AR.	Δ	241) μ Geminorum Dekl.	Δ	243) β Canis maj. AR.	Δ	243) β Canis maj. Dekl.	Δ	242) ψ Aurigae AR.	Δ	242) ψ Aurigae Dekl.	Δ
1936	$6^h\,17^m$		$-30^\circ\,1'$		$6^h\,19^m$		$+22^\circ\,32'$		$6^h\,19^m$		$-17^\circ\,55'$		$6^h\,19^m$		$+49^\circ\,19'$	
Jan. 0	$53^s.675$	34	$62''.51$	290	$8^s.075$	86	$53''.79$	8	$55^s.172$	52	$22''.96$	239	$61^s.954$	105	$23''.08$	153
10	53.709	19	65.41	269	8.161	35	53.71	0	55.224	4	25.35	221	62.059	32	24.61	154
20	53.690	70	68.10	241	8.196	18	53.71	6	55.228	44	27.56	197	62.091	39	26.15	147
30	53.620	117	70.51	208	8.178	65	53.77	10	55.184	89	29.53	169	62.052	107	27.62	134
Feb. 9	53.503	156	72.59	171	8.113	109	53.87	12	55.095	128	31.22	138	61.945	166	28.96	114
19	53.347	190	74.30	130	8.004	143	53.99	10	54.967	158	32.60	106	61.779	214	30.10	90
29	53.157	212	75.60	89	7.861	169	54.09	7	54.809	182	33.66	72	61.565	248	31.00	60
März 10	52.945	224	76.49	47	7.692	182	54.16	2	54.627	193	34.38	38	61.317	268	31.60	28
20	52.721	227	76.96	4	7.510	184	54.18	3	54.434	195	34.76	4	61.049	272	31.88	5
30	52.494	217	77.00	38	7.326	175	54.15	9	54.239	188	34.80	29	60.777	259	31.83	37
Apr. 9	52.277	200	76.62	78	7.151	156	54.06	14	54.051	170	34.51	61	60.518	234	31.46	68
19	52.077	173	75.84	116	6.995	129	53.92	17	53.881	146	33.90	91	60.284	196	30.78	95
29	51.904	140	74.68	151	6.866	93	53.75	20	53.735	114	32.99	120	60.088	149	29.83	119
Mai 9	51.764	102	73.17	183	6.773	54	53.55	20	53.621	78	31.79	146	59.939	93	28.64	138
19	51.662	60	71.34	211	6.719	11	53.35	18	53.543	39	30.33	168	59.846	34	27.26	150
29	51.602	16	69.23	233	6.708	33	53.17	16	53.504	2	28.65	188	59.812	26	25.76	159
Juni 8	51.586	27	66.90	250	6.741	76	53.01	12	53.506	43	26.77	202	59.838	88	24.17	163
18	51.613	71	64.40	260	6.817	117	52.89	8	53.549	82	24.75	211	59.926	146	22.54	161
28	51.684	113	61.80	263	6.934	156	52.81	5	53.631	119	22.64	213	60.072	201	20.93	156
Juli 8	51.797	152	59.17	257	7.090	190	52.76	1	53.750	155	20.51	210	60.273	251	19.37	149
18	51.949	187	56.60	244	7.280	220	52.75	2	53.905	186	18.41	200	60.524	295	17.88	136
28	52.136	219	54.16	223	7.500	247	52.77	1	54.091	213	16.41	183	60.819	334	16.52	124
Aug. 7	52.355	246	51.93	194	7.747	268	52.78	0	54.304	236	14.58	158	61.153	366	15.28	109
17	52.601	270	49.99	157	8.015	287	52.78	3	54.540	257	13.00	128	61.519	394	14.19	92
27	52.871	287	48.42	114	8.302	300	52.75	8	54.797	272	11.72	91	61.913	414	13.27	75
Sept. 6	53.158	302	47.28	65	8.602	311	52.67	14	55.069	285	10.81	51	62.327	429	12.52	58
16	53.460	309	46.63	12	8.913	317	52.53	22	55.354	291	10.30	6	62.756	440	11.94	38
26	53.769	313	46.51	41	9.230	321	52.31	29	55.645	296	10.24	39	63.196	444	11.56	19
Okt. 6	54.082	311	46.92	96	9.551	320	52.02	35	55.941	294	10.63	84	63.640	443	11.37	1
16	54.393	302	47.88	147	9.871	315	51.67	41	56.235	287	11.47	128	64.083	434	11.38	22
26	54.695	287	49.35	194	10.186	306	51.26	44	56.522	276	12.75	167	64.517	420	11.60	45
Nov. 5	54.982	266	51.29	234	10.492	290	50.82	45	56.798	259	14.42	201	64.937	396	12.05	65
15	55.248	238	53.63	268	10.782	268	50.37	43	57.057	234	16.43	226	65.333	364	12.70	88
25	55.486	202	56.31	289	11.050	240	49.94	38	57.291	204	18.69	245	65.697	322	13.58	107
Dez. 5	55.688	161	59.20	303	11.290	203	49.56	32	57.495	168	21.14	254	66.019	271	14.65	126
15	55.849	114	62.23	305	11.493	162	49.24	22	57.663	126	23.68	255	66.290	210	15.91	140
25	55.963	63	65.28	299	11.655	114	49.02	14	57.789	79	26.23	247	66.500	145	17.31	150
34	[26] 56.026		68.27		[26] 11.769		48.88		[26] 57.868		28.70		[26] 66.645		18.81	
Mittl. Ort	51.329		61.70		5.370		53.46		52.849		22.31		58.291		21.95	
sec δ, tg δ	1.155		−0.578		1.083		+0.415		1.051		−0.323		1.534		+1.164	
a, a'	+2.3		−1.6		+3.6		−1.7		+2.6		−1.7		+4.6		−1.7	
b, b'	0.00		−1.00		0.00		−1.00		0.00		−1.00		−0.01		−1.00	

Tag	244) 8 Monocerotis AR.		Dekl.		245) α Argus AR.		Dekl.		246) 10 Monocerotis AR.		Dekl.		247) 8 Lyncis AR.		Dekl.	
1936	6h 20m		+4° 37′		6h 22m		−52° 39′		6h 24m		−4° 43′		6h 31m		+61° 32′	
Jan. 0	25.074	74	36.18	118	34.472	16	37.25	352	50.327	71	16.72	173	55.53	14	24.16	215
10	25.148	27	35.00	105	34.456	87	40.77	331	50.398	23	18.45	157	55.67	4	26.31	215
20	25.175	21	33.95	90	34.369	155	44.08	299	50.421	24	20.02	139	55.71	6	28.46	207
30	25.154	65	33.05	74	34.214	217	47.07	262	50.397	68	21.41	117	55.65	15	30.53	189
Feb. 9	25.089	105	32.31	59	33.997	269	49.69	217	50.329	107	22.58	96	55.50	23	32.42	164
19	24.984	136	31.72	44	33.728	310	51.86	169	50.222	140	23.54	72	55.27	30	34.06	131
29	24.848	160	31.28	29	33.418	341	53.55	118	50.082	162	24.26	49	54.97	35	35.37	92
März 10	24.688	171	30.99	16	33.077	356	54.73	66	49.920	175	24.75	27	54.62	37	36.29	51
20	24.517	174	30.83	3	32.721	361	55.39	14	49.745	178	25.02	5	54.25	39	36.80	7
30	24.343	167	30.80	10	32.360	350	55.53	38	49.567	171	25.07	17	53.86	38	36.87	37
Apr. 9	24.176	148	30.90	23	32.010	330	55.15	89	49.396	155	24.90	39	53.48	35	36.50	79
19	24.028	124	31.13	35	31.680	298	54.26	136	49.241	130	24.51	58	53.13	30	35.71	117
29	23.904	92	31.48	48	31.382	256	52.90	180	49.111	101	23.93	78	52.83	24	34.54	150
Mai 9	23.812	55	31.96	59	31.126	208	51.10	220	49.010	64	23.15	97	52.59	17	33.04	178
19	23.757	17	32.55	71	30.918	154	48.90	254	48.946	27	22.18	113	52.42	10	31.26	199
29	23.740	23	33.26	81	30.764	95	46.36	282	48.919	12	21.05	127	52.32	1	29.27	215
Juni 8	23.763	63	34.07	90	30.669	36	43.54	302	48.931	52	19.78	137	52.31	7	27.12	224
18	23.826	101	34.97	96	30.633	26	40.52	315	48.983	89	18.41	146	52.38	15	24.88	225
28	23.927	136	35.93	100	30.659	87	37.37	318	49.072	125	16.95	148	52.53	22	22.63	223
Juli 8	24.063	169	36.93	98	30.746	144	34.19	313	49.197	158	15.47	147	52.75	29	20.40	215
18	24.232	198	37.91	95	30.890	200	31.06	299	49.355	187	14.00	140	53.04	36	18.25	202
28	24.430	222	38.86	87	31.090	250	28.07	273	49.542	212	12.60	128	53.40	41	16.23	185
Aug. 7	24.652	243	39.73	75	31.340	296	25.34	239	49.754	235	11.32	111	53.81	47	14.38	165
17	24.895	260	40.48	58	31.636	334	22.95	197	49.989	252	10.21	88	54.28	50	12.73	143
27	25.155	274	41.06	39	31.970	366	20.98	146	50.241	268	9.33	62	54.78	54	11.30	118
Sept. 6	25.429	284	41.45	15	32.336	391	19.52	89	50.509	278	8.71	30	55.32	56	10.12	92
16	25.713	291	41.60	9	32.727	405	18.63	27	50.787	286	8.41	3	55.88	58	9.20	62
26	26.004	293	41.51	35	33.132	410	18.36	36	51.073	290	8.44	37	56.46	60	8.58	33
Okt. 6	26.297	294	41.16	60	33.542	406	18.72	101	51.363	290	8.81	71	57.06	59	8.25	1
16	26.591	289	40.56	83	33.948	391	19.73	162	51.653	287	9.52	103	57.65	58	8.24	31
26	26.880	279	39.73	104	34.339	367	21.35	220	51.940	276	10.55	133	58.23	56	8.55	62
Nov. 5	27.159	266	38.69	120	34.706	330	23.55	270	52.216	262	11.88	156	58.79	54	9.17	96
15	27.425	244	37.49	131	35.036	284	26.25	310	52.478	241	13.44	174	59.33	48	10.13	126
25	27.669	217	36.18	136	35.320	230	29.35	341	52.719	214	15.18	186	59.81	43	11.39	154
Dez. 5	27.886	183	34.82	138	35.550	167	32.76	360	52.933	180	17.04	190	60.24	37	12.93	179
15	28.069	145	33.44	134	35.717	100	36.36	366	53.113	141	18.94	188	60.61	28	14.72	298
25	28.214	100	32.10	124	35.817	27	40.02	361	53.254	97	20.82	181	60.89	19	16.70	212
34	^{26}28.314		30.86		^{27}35.844		43.63		^{27}53.351		22.63		^{29}61.08		18.82	
Mittl. Ort	22.630		36.40		31.791		36.53		47.957		16.18		50.78		23.93	
sec δ, tg δ	1.003		+0.081		1.649		−1.311		1.003		−0.083		2.098		+1.845	
a, *a′*	+3.2		−1.8		+1.3		−2.0		+3.0		−2.2		+5.5		−2.8	
b, *b′*	0.00		−1.00		+0.01		−1.00		0.00		−0.99		−0.02		−0.99	

Tag	249) ξ² Canis maj. AR.		Dekl.		251) γ Geminorum AR.		Dekl.		250) 51 Aurigae AR.		Dekl.		248) 23 H. Camelop. AR.		Dekl.	
1936	6h 32m		−22° 54′		6h 34m		+16° 27′		6h 34m		+39° 26′		6h 35m		+79° 37′	
Jan. 0	24.739	59	47.25	267	3.532	98	19.12	50	16.745	115	56.50	93	31.99	22	78.59	290
10	24.798	9	49.92	248	3.630	46	18.62	38	16.860	54	57.43	99	32.21	2	81.49	287
20	24.807	41	52.40	224	3.676	4	18.24	28	16.914	10	58.42	100	32.19	28	84.36	274
30	24.766	88	54.64	195	3.672	52	17.96	18	16.904	68	59.42	95	31.91	50	87.10	249
Feb. 9	24.678	129	56.59	162	3.620	96	17.78	11	16.836	121	60.37	86	31.41	70	89.59	214
19	24.549	162	58.21	126	3.524	130	17.67	6	16.715	165	61.23	71	30.71	88	91.73	170
29	24.387	187	59.47	89	3.394	158	17.61	2	16.550	198	61.94	52	29.83	100	93.43	121
März 10	24.200	201	60.36	52	3.236	172	17.59	1	16.352	218	62.46	30	28.83	108	94.64	66
20	23.999	205	60.88	15	3.064	178	17.60	0	16.134	224	62.76	8	27.75	111	95.30	9
30	23.794	200	61.03	23	2.886	171	17.60	2	15.910	217	62.84	16	26.64	109	95.39	47
Apr. 9	23.594	184	60.80	58	2.715	156	17.62	3	15.693	197	62.68	38	25.55	102	94.92	102
19	23.410	160	60.22	93	2.559	131	17.65	3	15.496	168	62.30	59	24.53	91	93.90	151
29	23.250	131	59.29	125	2.428	99	17.68	6	15.328	128	61.71	75	23.62	77	92.39	195
Mai 9	23.119	95	58.04	153	2.329	63	17.74	8	15.200	84	60.96	90	22.85	60	90.44	232
19	23.024	57	56.51	180	2.266	24	17.82	12	15.116	36	60.06	100	22.25	40	88.12	262
29	22.967	17	54.71	201	2.242	18	17.94	17	15.080	16	59.06	107	21.85	21	85.50	282
Juni 8	22.950	25	52.70	217	2.260	58	18.11	20	15.096	67	57.99	110	21.64	2	82.68	294
18	22.975	65	50.53	228	2.318	98	18.31	24	15.163	115	56.89	111	21.66	22	79.74	300
28	23.040	104	48.25	232	2.416	135	18.55	27	15.278	162	55.78	108	21.88	42	76.74	297
Juli 8	23.144	141	45.93	228	2.551	168	18.82	27	15.440	204	54.70	104	22.30	62	73.77	287
18	23.285	173	43.65	219	2.719	198	19.09	27	15.644	242	53.66	98	22.92	80	70.90	271
28	23.458	204	41.46	202	2.917	226	19.36	24	15.886	276	52.68	90	23.72	96	68.19	249
Aug. 7	23.662	230	39.44	176	3.143	247	19.60	19	16.162	303	51.78	83	24.68	111	65.70	221
17	23.892	252	37.68	144	3.390	266	19.79	10	16.465	328	50.95	75	25.79	123	63.49	191
27	24.144	271	36.24	106	3.656	282	19.89	1	16.793	346	50.20	67	27.02	132	61.58	156
Sept. 6	24.415	285	35.18	62	3.938	294	19.88	12	17.139	361	49.53	58	28.34	141	60.02	117
16	24.700	296	34.56	15	4.232	302	19.76	26	17.500	374	48.95	49	29.75	145	58.85	77
26	24.996	301	34.41	34	4.534	309	19.50	40	17.874	379	48.46	40	31.20	148	58.08	34
Okt. 6	25.297	302	34.75	84	4.843	310	19.10	52	18.253	382	48.06	28	32.68	148	57.74	10
16	25.599	297	35.59	131	5.153	308	18.58	65	18.635	378	47.78	16	34.16	146	57.84	54
26	25.896	287	36.90	175	5.461	301	17.93	73	19.013	369	47.62	4	35.62	138	58.38	99
Nov. 5	26.183	270	38.65	212	5.762	288	17.20	79	19.382	353	47.58	12	37.00	130	59.37	142
15	26.453	246	40.77	243	6.050	269	16.41	81	19.735	328	47.70	28	38.30	117	60.79	183
25	26.699	216	43.20	264	6.319	242	15.60	80	20.063	295	47.98	45	39.47	101	62.62	218
Dez. 5	26.915	178	45.84	277	6.561	209	14.80	74	20.358	254	48.43	60	40.48	82	64.80	250
15	27.093	135	48.61	280	6.770	169	14.06	67	20.612	205	49.03	76	41.30	61	67.30	272
25	27.228	88	51.41	275	6.939	124	13.39	56	20.817	148	49.79	87	41.91	37	70.02	286
34	29 27.316		54.16		30 7.063		12.83		30 20.965		50.66		30 42.28		72.88	
Mittl. Ort	22.413		46.59		0.933		19.80		13.557		56.93		20.84		78.35	
sec δ, tg δ	1.086		−0.423		1.043		+0.295		1.295		+0.823		5.560		+5.469	
a, *a′*	+2.5		−2.8		+3.5		−3.0		+4.2		−3.0		+10.3		−3.1	
b, *b′*	0.00		−0.99		0.00		−0.99		−0.01		−0.99		− 0.06		−0.99	

Tag	252) ν Argus AR.		252) ν Argus Dekl.		253) *S* Monocerotis AR.		253) *S* Monocerotis Dekl.		254) ε Geminorum AR.		254) ε Geminorum Dekl.		256) ξ Geminorum AR.		256) ξ Geminorum Dekl.	
1936	6h 35m		−43° 8′		6h 37m		+9° 57′		6h 39m		+25° 11′		6h 41m		+12° 57′	
	s		″		s		″		s		″		s		″	
Jan. 0*)	50.624	30	21.32	339	29.768	95	22.44	90	[1]62.541	110	45.38	4	[1]44.444	102	56.82	74
10	50.654	31	24.71	320	29.863	46	21.54	78	62.651	56	45.42	14	44.546	51	56.08	61
20	50.623	90	27.91	292	29.909	3	20.76	65	62.707	2	45.56	21	44.597	2	55.47	49
30	50.533	146	30.83	257	29.906	50	20.11	51	62.709	49	45.77	27	44.599	46	54.98	36
Feb. 9	50.387	193	33.40	217	29.856	92	19.60	38	62.660	96	46.04	28	44.553	90	54.62	26
19	50.194	233	35.57	173	29.764	128	19.22	28	62.564	134	46.32	26	44.463	125	54.36	18
29	49.961	261	37.30	125	29.636	153	18.94	17	62.430	164	46.58	22	44.338	153	54.18	9
März 10	49.700	279	38.55	77	29.483	168	18.77	8	62.266	181	46.80	15	44.185	168	54.09	4
20	49.421	284	39.32	27	29.315	174	18.69	1	62.085	188	46.95	7	44.017	175	54.05	1
30	49.137	278	39.59	22	29.141	168	18.68	7	61.897	182	47.02	2	43.842	171	54.06	5
Apr. 9	48.859	262	39.37	68	28.973	154	18.75	13	61.715	166	47.00	10	43.671	156	54.11	9
19	48.597	236	38.69	114	28.819	130	18.88	21	61.549	142	46.90	17	43.515	132	54.20	13
29	48.361	203	37.55	157	28.689	101	19.09	28	61.407	109	46.73	24	43.383	104	54.33	18
Mai 9	48.158	162	35.98	195	28.588	65	19.37	35	61.298	71	46.49	27	43.279	68	54.51	22
19	47.996	117	34.03	228	28.523	28	19.72	43	61.227	29	46.22	30	43.211	30	54.73	29
29	47.879	70	31.75	257	28.495	12	20.15	50	61.198	13	45.92	31	43.181	9	55.02	33
Juni 8	47.809	19	29.18	277	28.507	52	20.65	56	61.211	56	45.61	30	43.190	50	55.35	38
18	47.790	31	26.41	292	28.559	89	21.21	61	61.267	99	45.31	29	43.240	87	55.73	42
28	47.821	81	23.49	297	28.648	126	21.82	64	61.366	137	45.02	27	43.327	124	56.15	44
Juli 8	47.902	128	20.52	295	28.774	159	22.46	63	61.503	173	44.75	24	43.451	158	56.59	45
18	48.030	174	17.57	282	28.933	187	23.09	62	61.676	206	44.51	24	43.609	187	57.04	42
28	48.204	214	14.75	261	29.120	215	23.71	55	61.882	234	44.27	24	43.796	214	57.46	38
Aug. 7	48.418	252	12.14	231	29.335	236	24.26	45	62.116	258	44.03	24	44.010	236	57.84	30
17	48.670	284	9.83	192	29.571	256	24.71	33	62.374	278	43.79	27	44.246	257	58.14	19
27	48.954	312	7.91	146	29.827	271	25.04	18	62.652	296	43.52	30	44.503	272	58.33	6
Sept. 6	49.266	333	6.45	92	30.098	283	25.22	1	62.948	310	43.22	35	44.775	286	58.39	10
16	49.599	347	5.53	34	30.381	293	25.21	20	63.258	320	42.87	40	45.061	295	58.29	26
26	49.946	355	5.19	26	30.674	299	25.01	41	63.578	326	42.47	44	45.356	302	58.03	44
Okt. 6	50.301	356	5.45	87	30.973	301	24.60	60	63.904	330	42.03	49	45.658	306	57.59	61
16	50.657	348	6.32	147	31.274	300	24.00	79	64.234	328	41.54	50	45.964	304	56.98	75
26	51.005	332	7.79	202	31.574	293	23.21	94	64.562	322	41.04	51	46.268	299	56.23	88
Nov. 5	51.337	307	9.81	251	31.867	281	22.27	106	64.884	309	40.53	49	46.567	286	55.35	97
15	51.644	273	12.32	292	32.148	262	21.21	112	65.193	289	40.04	44	46.853	269	54.38	102
25	51.917	231	15.24	321	32.410	237	20.09	116	65.482	262	39.60	35	47.122	244	53.36	102
Dez. 5	52.148	182	18.45	341	32.647	204	18.93	113	65.744	228	39.25	26	47.366	211	52.34	98
15	52.330	127	21.86	350	32.851	165	17.80	108	65.972	186	38.99	15	47.577	172	51.36	92
25	52.457	67	25.36	346	33.016	122	16.72	97	66.158	138	38.84	3	47.749	128	50.44	81
34	[30]52.524		28.82		[31]33.138		15.75		[31]66.296		38.81		[32]47.877		49.63	
Mittl. Ort	48.149		20.96		27.261		23.32		59.775		46.39		41.897		57.91	
sec δ, tg δ	1.371		−0.937		1.015		+0.176		1.105		+0.470		1.026		+0.230	
a, *a′*	+1.8		−3.1		+3.3		−3.3		+3.7		−3.5		+3.4		−3.6	
b, *b′*	+0.01		−0.99		0.00		−0.99		−0.01		−0.98		0.00		−0.98	

*) Bei Stern 254) und 256) lies Jan. 1

Tag	257) α Canis maj.[1] AR.		Dekl.		258) 18 Monocerotis AR.		Dekl.		262) α Pictoris AR.		Dekl.		261) ϑ Geminorum AR.		Dekl.	
1936	6h 42m		−16° 37′		6h 44m		+2° 28′		6h 47m		−61° 52′		6h 48m		+34° 2′	
Jan. 1	(2) 22.015	72	40.68	244	(2) 33.919	96	59.63	139	(3) 35.23	1	20.05	374	(3) 37.400	128	22.95	57
10	22.087	22	43.12	226	34.015	47	58.24	123	35.22	10	23.79	356	37.528	69	23.52	66
20	22.109	26	45.38	203	34.062	1	57.01	107	35.12	19	27.35	331	37.597	9	24.18	73
30	22.083	73	47.41	177	34.061	47	55.94	89	34.93	27	30.66	296	37.606	47	24.91	73
Feb. 9	22.010	113	49.18	146	34.014	90	55.05	72	34.66	34	33.62	256	37.559	99	25.64	69
19	21.897	148	50.64	115	33.924	124	54.33	53	34.32	40	36.18	208	37.460	142	26.33	61
29	21.749	172	51.79	82	33.800	151	53.80	37	33.92	44	38.26	159	37.318	176	26.94	49
März 10	21.577	188	52.61	49	33.649	167	53.43	21	33.48	46	39.85	107	37.142	196	27.43	33
20	21.389	192	53.10	17	33.482	173	53.22	5	33.02	48	40.92	52	36.946	206	27.76	17
30	21.197	187	53.27	16	33.309	169	53.17	10	32.54	48	41.44	1	36.740	202	27.93	2
Apr. 9	21.010	173	53.11	46	33.140	155	53.27	24	32.06	46	41.43	53	36.538	186	27.91	19
19	20.837	151	52.65	76	32.985	134	53.51	37	31.60	42	40.90	105	36.352	161	27.72	35
29	20.686	122	51.89	104	32.851	105	53.88	51	31.18	39	39.85	153	36.191	127	27.37	50
Mai 9	20.564	88	50.85	129	32.746	73	54.39	64	30.79	33	38.32	196	36.064	87	26.87	62
19	20.476	51	49.56	152	32.673	36	55.03	76	30.46	26	36.36	236	35.977	43	26.25	70
29	20.425	12	48.04	170	32.637	2	55.79	86	30.20	21	34.00	269	35.934	4	25.55	77
Juni 8	20.413	28	46.34	185	32.639	40	56.65	94	29.99	12	31.31	295	35.938	49	24.78	81
18	20.441	67	44.49	195	32.679	78	57.59	101	29.87	6	28.36	313	35.987	95	23.97	82
28	20.508	104	42.54	199	32.757	113	58.60	104	29.81	3	25.23	323	36.082	138	23.15	81
Juli 8	20.612	138	40.55	196	32.870	145	59.64	103	29.84	10	22.00	323	36.220	178	22.34	80
18	20.750	170	38.59	187	33.015	176	50.67	99	29.94	18	18.77	313	36.398	213	21.54	77
28	20.920	198	36.72	172	33.191	201	51.66	89	30.12	25	15.64	294	36.611	245	20.77	74
Aug. 7	21.118	223	35.00	150	33.392	225	52.55	77	30.37	31	12.70	264	36.856	273	20.03	71
17	21.341	245	33.50	121	33.617	244	53.32	59	30.68	37	10.06	224	37.129	297	19.32	67
27	21.586	262	32.29	86	33.861	261	53.91	38	31.05	43	7.82	177	37.426	316	18.65	65
Sept. 6	21.848	277	31.43	47	34.122	275	64.29	13	31.48	46	6.05	122	37.742	332	18.00	61
16	22.125	288	30.96	5	34.397	285	64.42	13	31.94	49	4.83	60	38.074	345	17.39	58
26	22.413	293	30.91	40	34.682	292	64.29	41	32.43	50	4.23	5	38.419	355	16.81	54
Okt. 6	22.706	296	31.31	84	34.974	296	63.88	68	32.93	52	4.28	71	38.774	358	16.27	49
16	23.002	293	32.15	127	35.270	294	63.20	94	33.45	50	4.99	136	39.132	359	15.78	42
26	23.295	284	33.42	167	35.564	289	62.26	117	33.95	47	6.35	197	39.491	352	15.36	33
Nov. 5	23.579	270	35.09	200	35.853	278	61.09	134	34.42	43	8.32	253	39.843	340	15.03	22
15	23.849	248	37.09	226	36.131	259	59.75	149	34.85	37	10.85	300	40.183	320	14.81	10
25	24.097	220	39.35	245	36.390	235	58.26	155	35.22	30	13.85	337	40.503	291	14.71	5
Dez. 5	24.317	185	41.80	256	36.625	204	56.71	158	35.52	23	17.22	363	40.794	255	14.76	21
15	24.502	145	44.36	257	36.829	165	55.13	154	35.75	14	20.85	376	41.049	210	14.97	36
25	24.647	99	46.93	251	36.994	122	53.59	145	35.89	5	24.61	378	41.259	158	15.33	49
34	(32) 24.746		49.44		(32) 37.116		52.14		(33) 35.94		28.39		(33) 41.417		15.82	
Mittl. Ort	19.690		39.71		31.494		60.73		32.17		20.62		34.403		24.61	
sec δ, tg δ	1.044		−0.299		1.001		+0.043		2.121		−1.871		1.207		+0.676	
a, *a′*	+2.7		−3.7		+3.1		−3.9		+0.6		−4.1		+4.0		−4.2	
b, *b′*	0.00		−0.98		0.00		−0.98		+0.03		−0.98		−0.01		−0.98	

[1]) Ort des Hauptsterns; die jährliche Parallaxe (0.″371) ist bereits berücksichtigt.

Tag	266) ϑ Canis maj.				265) 15 Lyncis				268) ε Canis maj.				269) ζ Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$6^h 51^m$		−11° 57′		$6^h 51^m$		+58° 30′		$6^h 56^m$		−28° 52′		$7^h 0^m$		+20° 39′	
	s		″		s		″		s		″		s		″	
Jan. 1	15.323	90	26.75	221	48.879	169	30.69	197	8.921	78	62.35	300	21.556	127	54.70	31
10	+ 15.413	41	28.96	205	4 49.048	78	32.66	202	5 8.999	25	65.35	284	6 21.683	75	54.39	17
20	15.454	9	31.01	184	49.126	12	34.68	199	9.024	29	68.19	261	21.758	21	54.22	5
30	15.445	55	32.85	160	49.114	100	36.67	189	8.995	79	70.80	231	21.779	30	54.17	5
Feb. 9	15.390	97	34.45	133	49.014	178	38.56	168	8.916	124	73.11	197	21.749	77	54.22	11
19	15.293	132	35.78	106	48.836	246	40.24	142	8.792	162	75.08	160	21.672	117	54.33	15
29	15.161	159	36.84	76	48.590	298	41.66	108	8.630	191	76.68	121	21.555	149	54.48	17
März 10	15.002	176	37.60	47	48.292	331	42.74	71	8.439	209	77.89	79	21.406	169	54.65	15
20	14.826	184	38.07	19	47.961	347	43.45	30	8.230	218	78.68	39	21.237	178	54.80	13
30	14.642	180	38.26	9	47.614	344	43.75	12	8.012	216	79.07	3	21.059	177	54.93	9
Apr. 9	14.462	168	38.17	37	47.270	322	43.63	52	7.796	204	79.04	43	20.882	166	55.02	4
19	14.294	148	37.80	63	46.948	286	43.11	90	7.592	185	78.61	82	20.716	144	55.06	0
29	14.146	121	37.17	88	46.662	236	42.21	124	7.407	157	77.79	118	20.572	116	55.06	3
Mai 9	14.025	90	36.29	111	46.426	176	40.97	153	7.250	124	76.61	152	20.456	82	55.03	5
19	13.935	54	35.18	131	46.250	110	39.44	177	7.126	88	75.09	181	20.374	45	54.98	6
29	13.881	16	33.87	150	46.140	38	37.67	195	7.038	47	73.28	207	20.329	4	54.92	7
Juni 8	13.865	22	32.37	163	46.102	35	35.72	208	6.991	6	71.21	227	20.325	35	54.85	7
18	13.887	59	30.74	172	46.137	107	33.64	213	6.985	34	68.94	242	20.360	75	54.78	6
28	13.946	95	29.02	177	46.244	175	31.51	215	7.019	75	66.52	248	20.435	113	54.72	6
Juli 8	14.041	129	27.25	177	46.419	241	29.36	210	7.094	114	64.04	248	20.548	148	54.66	7
18	14.170	160	25.48	169	46.660	300	27.26	203	7.208	150	61.56	240	20.696	179	54.59	7
28	14.330	188	23.79	157	46.960	355	25.23	191	7.358	184	59.16	223	20.875	209	54.52	11
Aug. 7	14.518	214	22.22	137	47.315	401	23.32	176	7.542	214	56.93	201	21.084	233	54.41	15
17	14.732	235	20.85	112	47.716	442	21.56	157	7.756	241	54.92	168	21.317	256	54.26	21
27	14.967	254	19.73	81	48.158	476	19.99	137	7.997	266	53.24	128	21.573	274	54.05	29
Sept. 6	15.221	270	18.92	46	48.634	505	18.62	113	8.263	284	51.96	84	21.847	291	53.76	38
16	15.491	282	18.46	7	49.139	525	17.49	89	8.547	300	51.12	33	22.138	303	53.38	48
26	15.773	290	18.39	33	49.664	539	16.60	61	8.847	310	50.79	19	22.441	313	52.90	58
Okt. 6	16.063	295	18.72	75	50.203	546	15.99	34	9.157	315	50.98	73	22.754	320	52.32	67
16	16.358	294	19.47	113	50.749	543	15.65	3	9.472	315	51.71	125	23.074	322	51.65	74
26	16.652	288	20.60	150	51.292	532	15.62	29	9.787	307	52.96	175	23.396	319	50.91	78
Nov. 5	16.940	277	22.10	180	51.824	510	15.91	60	10.094	292	54.71	218	23.715	310	50.13	79
15	17.217	258	23.90	205	52.334	475	16.51	92	10.386	269	56.89	254	24.025	293	49.34	78
25	17.475	232	25.95	222	52.809	428	17.43	121	10.655	240	59.43	282	24.318	270	48.56	71
Dez. 5	17.707	200	28.17	232	53.237	370	18.64	149	10.895	202	62.25	299	24.588	239	47.85	63
15	17.907	161	30.49	234	53.607	298	20.13	172	11.097	157	65.24	308	24.827	199	47.22	51
25	18.068	116	32.83	227	53.905	217	21.85	189	11.254	108	68.32	306	25.026	155	46.71	39
34*)	34 18.184		35.10		34 54.122		23.74		11.362		71.38		25.181		46.32	
Mittl. Ort	12.990		25.82		44.477		32.64		6.586		62.02		18.891		56.96	
sec δ, tg δ	1.022		−0.212		1.914		+1.633		1.142		−0.552		1.069		+0.377	
a, *a′*	+2.8		−4.4		+5.2		−4.5		+2.4		−4.9		+3.6		−5.2	
b, *b′*	0.00		−0.98		−0.02		−0.97		+0.01		−0.97		−0.01		−0.97	

*) Bei Stern 268) und 269) lies Dez. 35

Tag	271) γ Canis maj. AR.	Δ	Dekl.	Δ	273) δ Canis maj. AR.	Δ	Dekl.	Δ
1936	$7^h\ 0^m$		$-15°\ 32'$		$7^h\ 5^m$		$-26°\ 17'$	
Jan. 1	54.137	97	15.97	242	49.615	92	26.09	293
10	54.234	46	18.39	227	49.707	39	29.02	278
20	54.280	3	20.66	205	49.746	14	31.80	255
30	54.277	51	22.71	181	49.732	64	34.35	228
Feb. 9	54.226	94	24.52	152	49.668	109	36.63	195
19	54.132	131	26.04	122	49.559	149	38.58	160
29	54.001	159	27.26	90	49.410	178	40.18	122
März 10	53.842	178	28.16	59	49.232	198	41.40	83
20	53.664	186	28.75	28	49.034	208	42.23	43
30	53.478	185	29.03	4	48.826	208	42.66	5
Apr. 9	53.293	175	28.99	34	48.618	197	42.71	34
19	53.118	155	28.65	64	48.421	180	42.37	72
29	52.963	131	28.01	91	48.241	154	41.65	106
Mai 9	52.832	99	27.10	116	48.087	123	40.59	139
19	52.733	65	25.94	139	47.964	88	39.20	168
29	52.668	28	24.55	159	47.876	50	37.52	194
Juni 8	52.640	9	22.96	176	47.826	10	35.58	213
18	52.649	48	21.20	185	47.816	29	33.45	228
28	52.697	83	19.35	191	47.845	68	31.17	235
Juli 8	52.780	118	17.44	191	47.913	105	28.82	237
18	52.898	150	15.53	185	48.018	142	26.45	229
28	53.048	180	13.68	171	48.160	174	24.16	215
Aug. 7	53.228	206	11.97	151	48.334	204	22.01	193
17	53.434	229	10.46	126	48.538	232	20.08	163
27	53.663	251	9.20	93	48.770	256	18.45	125
Sept. 6	53.914	267	8.27	55	49.026	276	17.20	82
16	54.181	282	7.72	15	49.302	292	16.38	35
26	54.463	291	7.57	29	49.594	304	16.03	16
Okt. 6	54.754	298	7.86	72	49.898	311	16.19	69
16	55.052	299	8.58	115	50.209	312	16.88	119
26	55.351	294	9.73	155	50.521	307	18.07	167
Nov. 5	55.645	283	11.28	188	50.828	295	19.74	209
15	55.928	266	13.16	217	51.123	274	21.83	246
25	56.194	240	15.33	237	51.397	247	24.29	272
Dez. 5	56.434	207	17.70	248	51.644	212	27.01	291
15	56.641	169	20.18	253	51.856	169	29.92	299
25	56.810	123	22.71	249	52.025	120	32.91	297
35	56.933		25.20		52.145		35.88	
Mittl. Ort	51.819		15.08		47.297		25.74	
sec δ, tg δ	1.038		−0.278		1.115		−0.494	
a, a′	+2.7		−5.3		+2.4		−5.7	
b, b′	0.00		−0.96		+0.01		−0.96	

Tag	274) 63 Aurigae AR.	Δ	Dekl.	Δ	277) λ Geminorum AR.	Δ	Dekl.	Δ
1936	$7^h\ 7^m$		$+39°\ 25'$		$7^h\ 14^m$		$+16°\ 39'$	
Jan. 1	18.600	156	33.28	85	27.576	137	23.39	61
10	18.756	94	34.13	96	27.713	86	22.78	45
20	18.850	29	35.09	104	27.799	34	22.33	31
30	18.879	33	36.13	105	27.833	18	22.02	18
Feb. 9	18.846	90	37.18	101	27.815	64	21.84	6
19	18.756	140	38.19	91	27.751	106	21.78	1
29	18.616	179	39.10	75	27.645	138	21.79	7
März 10	18.437	206	39.85	57	27.507	160	21.86	11
20	18.231	219	40.42	34	27.347	171	21.97	13
30	18.012	219	40.76	11	27.176	173	22.10	13
Apr. 9	17.793	207	40.87	12	27.003	164	22.23	12
19	17.586	184	40.75	35	26.839	145	22.35	12
29	17.402	151	40.40	56	26.694	121	22.47	11
Mai 9	17.251	112	39.84	74	26.573	88	22.58	12
19	17.139	68	39.10	89	26.485	54	22.70	12
29	17.071	20	38.21	100	26.431	16	22.82	12
Juni 8	17.051	29	37.21	109	26.415	22	22.94	14
18	17.080	76	36.12	115	26.437	59	23.08	14
28	17.156	122	34.97	117	26.496	96	23.22	14
Juli 8	17.278	165	33.80	117	26.592	130	23.36	13
18	17.443	204	32.63	117	26.722	161	23.49	9
28	17.647	240	31.46	113	26.883	190	23.58	5
Aug. 7	17.887	272	30.33	109	27.073	216	23.63	2
17	18.159	300	29.24	105	27.289	239	23.61	11
27	18.459	324	28.19	99	27.528	258	23.50	23
Sept. 6	18.783	344	27.20	92	27.786	277	23.27	35
16	19.127	361	26.28	84	28.063	291	22.92	50
26	19.488	373	25.44	76	28.354	303	22.42	63
Okt. 6	19.861	383	24.68	65	28.657	311	21.79	76
16	20.244	385	24.03	53	28.968	316	21.03	88
26	20.629	382	23.50	38	29.284	316	20.15	97
Nov. 5	21.011	372	23.12	21	29.600	309	19.18	101
15	21.383	354	22.91	2	29.909	294	18.17	103
25	21.737	326	22.89	17	30.203	274	17.14	99
Dez. 5	22.063	289	23.06	38	30.477	244	16.15	93
15	22.352	242	23.44	58	30.721	208	15.22	81
25	22.594	189	24.02	75	30.929	164	14.41	69
35	22.783		24.77		31.093		13.72	
Mittl. Ort	15.430		36.57		24.994		26.32	
sec δ, tg δ	1.295		+0.822		1.044		+0.299	
a, a′	+4.1		−5.8		+3.5		−6.4	
b, b′	−0.02		−0.96		−0.01		−0.95	

Tag	278) π Argus AR.		278) π Argus Dekl.		279) δ Geminorum AR.		279) δ Geminorum Dekl.		281) δ Volantis AR.		281) δ Volantis Dekl.		280) 19 Lyncis seq. AR.		280) 19 Lyncis seq. Dekl.	
1936	7h 14m		−36° 58′		7h 16m		+22° 5′		7h 16m		−67° 50′		7h 17m		+55° 23′	
Jan. 1	10 55.264	92	53.45	335	10 20.872	145	63.37	26	10 55.67	3	22.66	384	43.280	204	70.26	172
10*)	55.356	33	56.80	322	21.017	92	63.11	12	55.70	8	26.50	377	11 43.484	121	71.98	185
20	55.389	25	60.02	300	21.109	38	62.99	2	55.62	19	30.27	357	43.605	36	73.83	190
30	55.364	81	63.02	271	21.147	16	63.01	12	55.43	30	33.84	329	43.641	48	75.73	185
Feb. 9	55.283	130	65.73	237	21.131	64	63.13	21	55.13	39	37.13	293	43.593	126	77.58	174
19	55.153	173	68.10	198	21.067	108	63.34	25	54.74	46	40.06	251	43.467	193	79.32	153
29	54.980	207	70.08	155	20.959	141	63.59	26	54.28	53	42.57	204	43.274	248	80.85	126
März 10	54.773	229	71.63	111	20.818	164	63.85	25	53.75	57	44.61	155	43.026	286	82.11	94
20	54.544	242	72.74	66	20.654	177	64.10	20	53.18	60	46.16	101	42.740	309	83.05	57
30	54.302	244	73.40	20	20.477	178	64.30	16	52.58	60	47.17	49	42.431	314	83.62	19
Apr. 9	54.058	235	73.60	25	20.299	170	64.46	10	51.98	60	47.66	6	42.117	301	83.81	20
19	53.823	219	73.35	69	20.129	151	64.56	3	51.38	57	47.60	58	41.816	275	83.61	57
29	53.604	193	72.66	111	19.978	125	64.59	3	50.81	52	47.02	110	41.541	235	83.04	92
Mai 9	53.411	161	71.55	149	19.853	93	64.56	7	50.29	48	45.92	157	41.306	186	82.12	123
19	53.250	124	70.06	184	19.760	57	64.49	11	49.81	41	44.35	200	41.120	129	80.89	150
29	53.126	84	68.22	215	19.703	18	64.38	14	49.40	33	42.35	240	40.991	67	79.39	171
Juni 8	53.042	43	66.07	239	19.685	21	64.24	16	49.07	25	39.95	271	40.924	3	77.68	187
18	52.999	2	63.68	258	19.706	61	64.08	17	48.82	16	37.24	296	40.921	62	75.81	198
28	53.001	45	61.10	269	19.767	98	63.91	18	48.66	6	34.28	313	40.983	124	73.83	205
Juli 8	53.046	87	58.41	272	19.865	133	63.73	20	48.60	3	31.15	320	41.107	184	71.78	207
18	53.133	129	55.69	266	19.998	166	63.53	22	48.63	12	27.95	318	41.291	240	69.71	203
28	53.262	167	53.03	252	20.164	195	63.31	26	48.75	22	24.77	305	41.531	292	67.68	198
Aug. 7	53.429	204	50.51	229	20.359	222	63.05	31	48.97	31	21.72	283	41.823	337	65.70	187
17	53.633	237	48.22	197	20.581	246	62.74	36	49.28	39	18.89	249	42.160	379	63.83	175
27	53.870	267	46.25	158	20.827	267	62.38	45	49.67	47	16.40	207	42.539	415	62.08	158
Sept. 6	54.137	293	44.67	110	21.094	285	61.93	52	50.14	53	14.33	156	42.954	445	60.50	141
16	54.430	313	43.57	58	21.379	300	61.41	62	50.67	58	12.77	97	43.399	471	59.09	120
26	54.743	328	42.99	1	21.679	313	60.79	70	51.25	61	11.80	35	43.870	489	57.89	98
Okt. 6	55.071	337	42.98	57	21.992	323	60.09	77	51.86	63	11.45	32	44.359	503	56.91	71
16	55.408	340	43.55	114	22.315	326	59.32	84	52.49	62	11.77	99	44.862	508	56.20	44
26	55.748	334	44.69	170	22.641	327	58.48	86	53.11	60	12.76	163	45.370	505	55.76	14
Nov. 5	56.082	320	46.39	220	22.968	320	57.62	85	53.71	56	14.39	223	45.875	491	55.62	17
15	56.402	297	48.59	263	23.288	306	56.77	82	54.27	49	16.62	275	46.366	467	55.79	49
25	56.699	266	51.22	297	23.594	285	55.95	74	54.76	42	19.37	320	46.833	430	56.28	82
Dez. 5	56.965	225	54.19	321	23.879	254	55.21	64	55.18	32	22.57	353	47.263	380	57.10	111
15	57.190	178	57.40	335	24.133	217	54.57	50	55.50	22	26.10	374	47.643	320	58.21	139
25	57.368	125	60.75	338	24.350	172	54.07	35	55.72	11	29.84	384	47.963	247	59.60	162
35	57.493		64.13		24.522		53.72		55.83		33.68		48.210		61.22	
Mittl. Ort	52.891		53.88		18.195		66.69		52.21		24.90		39.210		74.89	
sec δ, tg δ	1.252		−0.753		1.079		+0.406		2.651		−2.455		1.761		+1.450	
a, *a′*	+2.1		−6.4		+3.6		−6.6		0.0		−6.6		+4.9		−6.7	
b, *b′*	+0.02		−0.95		−0.01		−0.95		+0.05		−0.94		−0.03		−0.94	

*) Bei Stern 280) lies Jan. 11

Scheinbare Sternörter 1936

Tag	282) ι Geminorum AR.	Diff.	282) ι Geminorum Dekl.	Diff.	285) β Canis min. AR.	Diff.	285) β Canis min. Dekl.	Diff.
1936	7h 21m		+27° 55′		7h 23m		+8° 24′	
Jan. 1	48.098	157	33.14	8	43.344	139	68.16	115
11	48.255	101	33.22	24	43.483	90	67.01	98
20	48.356	45	33.46	36	43.573	38	66.03	82
30	48.401	11	33.82	45	43.611	11	65.21	65
Feb. 9	48.390	63	34.27	50	43.600	58	64.56	49
19	48.327	109	34.77	52	43.542	97	64.07	33
29	48.218	145	35.29	47	43.445	130	63.74	21
März 10	48.073	170	35.76	41	43.315	153	63.53	8
20	47.903	185	36.17	31	43.162	165	63.45	2
30	47.718	188	36.48	20	42.997	168	63.47	10
Apr. 9	47.530	179	36.68	8	42.829	160	63.57	19
19	47.351	161	36.76	5	42.669	144	63.76	25
29	47.190	136	36.71	16	42.525	121	64.01	33
Mai 9	47.054	102	36.55	26	42.404	93	64.34	39
19	46.952	65	36.29	35	42.311	60	64.73	45
29	46.887	25	35.94	42	42.251	25	65.18	51
Juni 8	46.862	16	35.52	47	42.226	11	65.69	55
18	46.878	57	35.05	50	42.237	47	66.24	59
28	46.935	96	34.55	54	42.284	81	66.83	59
Juli 8	47.031	133	34.01	57	42.365	115	67.42	58
18	47.164	168	33.44	58	42.480	145	68.00	54
28	47.332	199	32.86	60	42.625	173	68.54	46
Aug. 7	47.531	227	32.26	64	42.798	199	69.00	37
17	47.758	253	31.62	66	42.997	222	69.37	22
27	48.011	276	30.96	71	43.219	243	69.59	5
Sept. 6	48.287	295	30.25	74	43.462	261	69.64	14
16	48.582	312	29.51	77	43.723	277	69.50	36
26	48.894	325	28.74	81	44.000	290	69.14	57
Okt. 6	49.219	336	27.93	82	44.290	300	68.57	79
16	49.555	342	27.11	82	44.590	306	67.78	100
26	49.897	343	26.29	78	44.896	307	66.78	116
Nov. 5	50.240	336	25.51	72	45.203	301	65.62	130
15	50.576	323	24.79	62	45.504	289	64.32	138
25	50.899	301	24.17	51	45.793	269	62.94	142
Dez. 5	51.200	270	23.66	35	46.062	242	61.52	140
15	51.470	232	23.31	18	46.304	206	60.12	133
25	51.702	185	23.13	2	46.510	164	58.79	122
35	51.887		23.11		46.674		57.57	
Mittl. Ort	45.302		37.13		40.887		71.03	
sec δ, tg δ	1.132		+0.530		1.011		+0.148	
a, a′	+3.7		−7.0		+3.3		−7.2	
b, b′	−0.01		−0.94		0.00		−0.93	

Tag	284) Grb 1308 AR.	Diff.	284) Grb 1308 Dekl.	Diff.	286) ρ Geminorum AR.	Diff.	286) ρ Geminorum Dekl.	Diff.
1936	7h 24m		+68° 35′		7h 24m		+31° 54′	
Jan. 1	20.22	28	51.23	234	62.792	166	44.52	32
11	20.50	16	53.57	246	62.958	109	44.84	49
20	20.66	3	56.03	250	63.067	50	45.33	61
30	20.69	10	58.53	241	63.117	9	45.94	68
Feb. 9	20.59	21	60.94	224	63.108	63	46.62	72
19	20.38	32	63.18	197	63.045	110	47.34	69
29	20.06	40	65.15	161	62.935	149	48.03	64
März 10	19.66	47	66.76	120	62.786	177	48.67	52
20	19.19	50	67.96	72	62.609	191	49.19	40
30	18.69	51	68.68	24	62.418	196	49.59	24
Apr. 9	18.18	51	68.92	26	62.222	188	49.83	7
19	17.67	47	68.66	73	62.034	169	49.90	9
29	17.20	41	67.93	118	61.865	143	49.81	23
Mai 9	16.79	34	66.75	158	61.722	109	49.58	38
19	16.45	26	65.17	191	61.613	72	49.20	50
29	16.19	17	63.26	221	61.541	30	48.70	59
Juni 8	16.02	7	61.05	242	61.511	13	48.11	68
18	15.95	4	58.63	257	61.524	55	47.43	72
28	15.99	13	56.06	266	61.579	95	46.71	77
Juli 8	16.12	23	53.40	268	61.674	135	45.94	80
18	16.35	31	50.72	265	61.809	170	45.14	82
28	16.66	40	48.07	255	61.979	203	44.32	83
Aug. 7	17.06	47	45.52	242	62.182	234	43.49	85
17	17.53	55	43.10	223	62.416	260	42.64	86
27	18.08	60	40.87	200	62.676	284	41.78	87
Sept. 6	18.68	66	38.87	175	62.960	305	40.91	87
16	19.34	70	37.12	144	63.265	323	40.04	88
26	20.04	73	35.68	111	63.588	338	39.16	87
Okt. 6	20.77	75	34.57	75	63.926	348	38.29	85
16	21.52	76	33.82	37	64.274	355	37.44	80
26	22.28	75	33.45	4	64.629	357	36.64	72
Nov. 5	23.03	73	33.49	44	64.986	350	35.92	62
15	23.76	69	33.93	87	65.336	337	35.30	49
25	24.45	63	34.80	126	65.673	315	34.81	33
Dez. 5	25.08	56	36.06	164	65.988	283	34.48	15
15	25.64	46	37.70	196	66.271	243	34.33	4
25	26.10	36	39.66	222	66.514	195	34.37	23
35	26.46		41.88		66.709		34.60	
Mittl. Ort	14.35		56.73		59.896		48.96	
sec δ, tg δ	2.741		+2.552		1.178		+0.623	
a, a′	+6.3		−7.2		+3.8		−7.3	
b, b′	−0.06		−0.93		−0.02		−0.93	

Tag	287) α Geminorum[1] AR.		Dekl.		289) 25 Monocerotis AR.		Dekl.	
1936	7h 30m		+32° 1′		7h 34m		−3° 57′	
Jan. 1	34.000	171	47.03	30	8.139	139	62.50	190
11	34.171	115	47.33	48	8.278	90	64.40	176
20	14 34.286	55	47.81	60	15 8.368	40	66.16	156
30	34.341	4	48.41	69	8.408	9	67.72	136
Feb. 9	34.337	58	49.10	73	8.399	55	69.08	112
19	34.279	107	49.83	71	8.344	96	70.20	90
29	34.172	146	50.54	66	8.248	128	71.10	66
März 10	34.026	174	51.20	56	8.120	150	71.76	44
20	33.852	191	51.76	42	7.970	165	72.20	22
30	33.661	196	52.18	27	7.805	168	72.42	1
Apr. 9	33.465	189	52.45	10	7.637	163	72.43	19
19	33.276	173	52.55	6	7.474	150	72.24	38
29	33.103	146	52.49	22	7.324	129	71.86	56
Mai 9	32.957	113	52.27	37	7.195	102	71.30	73
19	32.844	77	51.90	49	7.093	73	70.57	88
29	32.767	35	51.41	59	7.020	39	69.69	101
Juni 8	32.732	6	50.82	68	6.981	5	68.68	112
18	32.738	48	50.14	75	6.976	29	67.56	119
28	32.786	89	49.39	79	7.005	63	66.37	125
Juli 8	32.875	128	48.60	83	7.068	96	65.12	124
18	33.003	164	47.77	85	7.164	127	63.88	120
28	33.167	197	46.92	88	7.291	155	62.68	110
Aug. 7	33.364	227	46.04	89	7.446	181	61.58	96
17	33.591	255	45.15	91	7.627	207	60.62	77
27	33.846	279	44.24	92	7.834	228	59.85	53
Sept. 6	34.125	301	43.32	93	8.062	249	59.32	25
16	34.426	320	42.39	94	8.311	266	59.07	7
26	34.746	335	41.45	93	8.577	281	59.14	40
Okt. 6	35.081	347	40.52	90	8.858	293	59.54	74
16	35.428	356	39.62	86	9.151	299	60.28	106
26	35.784	357	38.76	78	9.450	302	61.34	136
Nov. 5	36.141	352	37.98	67	9.752	297	62.70	162
15	36.493	340	37.31	54	10.049	286	64.32	182
25	36.833	318	36.77	37	10.335	267	66.14	196
Dez. 5	37.151	287	36.40	19	10.602	240	68.10	202
15	37.438	249	36.21	0	10.842	205	70.12	203
25	37.687	200	36.21	20	11.047	165	72.15	196
35	37.887		36.41		11.212		74.11	
Mittl. Ort	31.111		51.90		5.807		60.29	
sec δ, tg δ	1.180		+0.626		1.002		−0.069	
a, *a′*	+3.8		−7.7		+3.0		−8.0	
b, *b′*	−0.02		−0.92		0.00		−0.92	

Tag	291) α Canis min.[2] AR.		Dekl.		292) 24 Lyncis AR.		Dekl.	
1936	7h 35m		+5° 23′		7h 37m		+58° 51′	
Jan. 1	59.648	143	21.91	139	40.538	250	37.46	181
11	59.791	95	20.52	123	40.788	161	39.27	199
20	15 59.886	44	19.29	104	16 40.949	67	41.26	208
30	59.930	6	18.25	86	41.016	25	43.34	206
Feb. 9	59.924	53	17.39	67	40.991	112	45.40	197
19	59.871	93	16.72	49	40.879	191	47.37	179
29	59.778	126	16.23	33	40.688	255	49.16	153
März 10	59.652	150	15.90	18	40.433	303	50.69	119
20	59.502	164	15.72	4	40.130	334	51.88	82
30	59.338	167	15.68	7	39.796	346	52.70	41
Apr. 9	59.171	161	15.75	18	39.450	341	53.11	1
19	59.010	147	15.93	27	39.109	318	53.10	42
29	58.863	125	16.20	37	38.791	282	52.68	81
Mai 9	58.738	99	16.57	45	38.509	233	51.87	117
19	58.639	67	17.02	54	38.276	176	50.70	149
29	58.572	33	17.56	59	38.100	113	49.21	176
Juni 8	58.539	1	18.15	65	37.987	45	47.45	196
18	58.540	37	18.80	69	37.942	24	45.49	213
28	58.577	70	19.49	70	37.966	91	43.36	224
Juli 8	58.647	103	20.19	68	38.057	158	41.12	228
18	58.750	134	20.87	63	38.215	220	38.84	230
28	58.884	161	21.50	56	38.435	278	36.54	226
Aug. 7	59.045	188	22.06	43	38.713	332	34.28	219
17	59.233	212	22.49	29	39.045	381	32.09	206
27	59.445	233	22.78	8	39.426	424	30.03	191
Sept. 6	59.678	252	22.86	12	39.850	462	28.12	173
16	59.930	270	22.74	36	40.312	495	26.39	151
26	60.200	284	22.38	61	40.807	521	24.88	126
Okt. 6	60.484	294	21.77	86	41.328	540	23.62	99
16	60.778	302	20.91	109	41.868	551	22.63	67
26	61.080	304	19.82	130	42.419	553	21.96	34
Nov. 5	61.384	300	18.52	145	42.972	543	21.62	0
15	61.684	289	17.07	157	43.515	521	21.62	37
25	61.973	271	15.50	163	44.036	486	21.99	73
Dez. 5	62.244	244	13.87	162	44.522	436	22.72	108
15	62.488	209	12.25	157	44.958	373	23.80	140
25	62.697	169	10.68	147	45.331	297	25.20	169
35	62.866		9.21		45.628		26.89	
Mittl. Ort	57.238		25.13		36.204		44.23	
sec δ, tg δ	1.004		+0.094		1.934		+1.655	
a, *a′*	+3.2		−8.1		+5.1		−8.3	
b, *b′*	0.00		−0.91		−0.05		−0.91	

[1] AR. der Mitte; Dekl. des folgenden, helleren Sterns.

[2] Ort des hellen Sterns; die jährliche Parallaxe (0.″312) ist bereits berücksichtigt.

Scheinbare Sternörter 1936

Tag	294) κ Geminorum				295) β Geminorum[1]				297) ζ Volantis				296) π Geminorum			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	7h 40m		+24° 32′		7h 41m		+28° 10′		7h 42m		−72° 26′		7h 43m		+33° 34′	
	s		″		s		″		s		″		s		″	
Jan. 1	37.923	172	65.91	20	26.954	176	51.07	3	40.89	10	66.06	387	25.990	188	21.95	35
11	38.095	119	65.71	2	27.130	120	51.10	21	40.99	5	69.93	385	26.178	131	22.30	54
20	[16] 38.214	63	65.69	14	[17] 27.250	64	51.31	36	[17] 40.94	18	73.78	373	[17] 26.309	70	22.84	68
30	38.277	8	65.83	26	27.314	6	51.67	48	40.76	31	77.51	352	26.379	11	23.52	79
Feb. 9	38.285	44	66.09	36	27.320	47	52.15	55	40.45	44	81.03	321	26.390	47	24.31	84
19	38.241	90	66.45	42	27.273	95	52.70	59	40.01	54	84.24	285	26.343	97	25.15	83
29	38.151	128	66.87	43	27.178	134	53.29	57	39.47	62	87.09	242	26.246	140	25.98	77
März 10	38.023	156	67.30	40	27.044	163	53.86	51	38.85	68	89.51	194	26.106	170	26.75	68
20	37.867	173	67.70	35	26.881	180	54.37	42	38.17	74	91.45	144	25.936	190	27.43	53
30	37.694	179	68.05	28	26.701	187	54.79	31	37.43	75	92.89	92	25.746	197	27.96	37
Apr. 9	37.515	174	68.33	19	26.514	180	55.10	19	36.68	75	93.81	39	25.549	194	28.33	18
19	37.341	160	68.52	10	26.334	169	55.29	5	35.93	74	94.20	15	25.355	178	28.51	0
29	37.181	137	68.62	0	26.165	145	55.34	8	35.19	70	94.05	68	25.177	155	28.51	18
Mai 9	37.044	110	68.62	8	26.020	114	55.26	19	34.49	65	93.37	118	25.022	124	28.33	35
19	36.934	75	68.54	16	25.906	80	55.07	30	33.84	57	92.19	165	24.898	88	27.98	50
29	36.859	38	68.38	23	25.826	42	54.77	40	33.27	50	90.54	208	24.810	48	27.48	63
Juni 8	36.821	1	68.15	28	25.784	2	54.37	47	32.77	40	88.46	245	24.762	7	26.85	74
18	36.820	38	67.87	34	25.782	37	53.90	53	32.37	29	86.01	276	24.755	35	26.11	82
28	36.858	75	67.53	37	25.819	75	53.37	59	32.08	18	83.25	298	24.790	76	25.29	90
Juli 8	36.933	110	67.16	41	25.894	113	52.78	63	31.90	7	80.27	312	24.866	114	24.39	95
18	37.043	144	66.75	46	26.007	148	52.15	68	31.83	5	77.15	317	24.980	152	23.44	99
28	37.187	175	66.29	50	26.155	179	51.47	72	31.88	18	73.98	311	25.132	187	22.45	102
Aug. 7	37.362	204	65.79	56	26.334	209	50.75	75	32.06	30	70.87	295	25.319	218	21.43	105
17	37.566	230	65.23	61	26.543	236	50.00	80	32.36	41	67.92	269	25.537	246	20.38	106
27	37.796	254	64.62	70	26.779	261	49.20	85	32.77	51	65.23	231	25.783	273	19.32	108
Sept. 6	38.050	275	63.92	76	27.040	282	48.35	89	33.28	60	62.92	185	26.056	297	18.24	109
16	38.325	295	63.16	84	27.322	302	47.46	93	33.88	68	61.07	131	26.353	318	17.15	108
26	38.620	310	62.32	91	27.624	319	46.53	97	34.56	73	59.76	71	26.671	336	16.07	106
Okt. 6	38.930	324	61.41	96	27.943	332	45.56	98	35.29	77	59.05	5	27.007	350	15.01	103
16	39.254	333	60.45	99	28.275	342	44.58	99	36.06	77	59.00	61	27.357	361	13.98	97
26	39.587	337	59.46	100	28.617	345	43.59	94	36.83	76	59.61	127	27.718	365	13.01	87
Nov. 5	39.924	334	58.46	97	28.962	342	42.65	87	37.59	72	60.88	190	28.083	362	12.14	75
15	40.258	325	57.49	89	29.304	332	41.78	77	38.31	65	62.78	248	28.445	351	11.39	59
25	40.583	306	56.60	79	29.636	313	41.01	63	38.96	56	65.26	296	28.796	333	10.80	41
Dez. 5	40.889	278	55.81	65	29.949	285	40.38	46	39.52	45	68.22	336	29.129	303	10.39	21
15	41.167	243	55.16	49	30.234	248	39.92	28	39.97	32	71.58	364	29.432	264	10.18	2
25	41.410	199	54.67	30	30.482	203	39.64	8	40.29	19	75.22	381	29.696	217	10.20	23
35	41.609		54.37		30.685		39.56		40.48		79.03		29.913		10.43	
Mittl. Ort	35.236		70.96		24.185		56.46		36.96		69.85		23.084		27.91	
sec δ, tg δ	1.099		+0.457		1.134		+0.536		3.317		−3.162		1.200		+0.664	
a, a′	+3.6		−8.5		+3.7		−8.6		−0.7		−8.7		+3.9		−8.7	
b, b′	−0.01		−0.91		−0.02		−0.90		+0.09		−0.90		−0.02		−0.90	

[1]) Die jährliche Parallaxe (0″.101) ist bereits berücksichtigt.

Tag	300) Grb 1374 AR.		300) Grb 1374 Dekl.		303) χ Argus AR.		303) χ Argus Dekl.		305) χ Geminorum AR.		305) χ Geminorum Dekl.		306) ζ Argus AR.		306) ζ Argus Dekl.	
1936	7h 52m		+74° 5′		7h 55m		−52° 48′		7h 59m		+27° 58′		8h 1m		−39° 49′	
Jan. 1	41.72	44	22.31	243	11.731	138	32.63	378	38.209	197	24.34	7	22.334	150	17.43	351
11	42.16	27	24.74	262	11.869	63	36.41	376	38.406	142	24.27	14	22.484	89	20.94	345
20*)	[19] 42.43	11	27.36	272	[20] 11.932	11	40.17	362	[21] 38.548	85	24.41	32	[22] 22.573	28	24.39	331
30	42.54	6	30.08	269	11.921	83	43.79	340	38.633	28	24.73	47	22.601	31	27.70	309
Feb. 9	42.48	22	32.77	256	11.838	151	47.19	309	38.661	27	25.20	57	22.570	86	30.79	280
19	42.26	37	35.33	233	11.687	209	50.28	274	38.634	77	25.77	62	22.484	139	33.59	244
29	41.89	50	37.66	199	11.478	257	53.02	231	38.557	118	26.39	63	22.345	179	36.03	205
März 10	41.39	58	39.65	158	11.221	295	55.33	185	38.439	150	27.02	59	22.166	210	38.08	163
20	40.81	66	41.23	110	10.926	320	57.18	137	38.289	171	27.61	52	21.956	231	39.71	118
30	40.15	70	42.33	58	10.606	332	58.55	86	38.118	181	28.13	42	21.725	242	40.89	73
Apr. 9	39.45	70	42.91	6	10.274	334	59.41	34	37.937	179	28.55	29	21.483	243	41.62	26
19	38.75	67	42.97	47	9.940	323	59.75	16	37.758	169	28.84	15	21.240	234	41.88	20
29	38.08	61	42.50	97	9.617	303	59.59	66	37.589	149	28.99	3	21.006	217	41.68	64
Mai 9	37.47	54	41.53	144	9.314	275	58.93	114	37.440	123	29.02	11	20.789	193	41.04	106
19	36.93	45	40.09	185	9.039	239	57.79	159	37.317	91	28.91	23	20.596	163	39.98	146
29	36.48	33	38.24	220	8.800	196	56.20	199	37.226	56	28.68	34	20.433	129	38.52	181
Juni 8	36.15	21	36.04	250	8.604	148	54.21	234	37.170	18	28.34	43	20.304	92	36.71	213
18	35.94	9	33.54	272	8.456	98	51.87	263	37.152	19	27.91	52	20.212	51	34.58	237
28	35.85	4	30.82	287	8.358	43	49.24	284	37.171	56	27.39	59	20.161	10	32.21	255
Juli 8	35.89	17	27.95	296	8.315	12	46.40	297	37.227	93	26.80	65	20.151	32	29.66	267
18	36.06	30	24.99	297	8.327	68	43.43	301	37.320	128	26.15	72	20.183	75	26.99	268
28	36.36	41	22.02	293	8.395	123	40.42	294	37.448	160	25.43	78	20.258	116	24.31	262
Aug. 7	36.77	52	19.09	282	8.518	179	37.48	279	37.608	190	24.65	83	20.374	157	21.69	247
17	37.29	62	16.27	267	8.697	231	34.69	252	37.798	218	23.82	89	20.531	197	19.22	221
27	37.91	71	13.60	246	8.928	280	32.17	217	38.016	245	22.93	96	20.728	233	17.01	188
Sept. 6	38.62	79	11.14	220	9.208	324	30.00	171	38.261	270	21.97	101	20.961	268	15.13	145
16	39.41	86	8.94	189	9.532	362	28.29	119	38.531	291	20.96	107	21.229	297	13.68	97
26	40.27	92	7.05	155	9.894	394	27.10	60	38.822	311	19.89	111	21.526	323	12.71	41
Okt. 6	41.19	95	5.50	117	10.288	415	26.50	2	39.133	328	18.78	113	21.849	343	12.30	16
16	42.14	98	4.33	75	10.703	428	26.52	68	39.461	340	17.65	113	22.192	355	12.46	75
26	43.12	99	3.58	31	11.131	429	27.20	131	39.801	348	16.52	111	22.547	359	13.21	135
Nov. 5	44.11	96	3.27	16	11.560	416	28.51	192	40.149	348	15.41	103	22.906	354	14.56	189
15	45.07	93	3.43	63	11.976	393	30.43	247	40.497	341	14.38	92	23.260	340	16.45	239
25	46.00	87	4.06	110	12.369	356	32.90	293	40.838	326	13.46	78	23.600	314	18.84	281
Dez. 5	46.87	77	5.16	153	12.725	307	35.83	332	41.164	301	12.68	60	23.914	279	21.65	313
15	47.64	66	6.69	193	13.032	248	39.15	358	41.465	266	12.08	40	24.193	235	24.78	336
25	48.30	52	8.62	227	13.280	182	42.73	373	41.731	223	11.68	20	24.428	182	28.14	347
35	48.82		10.89		13.462		46.46		41.954		11.48		24.610		31.61	
Mittl. Ort	34.41		31.01		9.162		35.55		35.491		30.98		20.014		19.19	
sec δ, tg δ	3.648		+3.509		1.654		−1.318		1.132		+0.531		1.302		−0.834	
a, *a′*	+7.2		−9.5		+1.5		−9.7		+3.7		−10.0		+2.1		−10.1	
b, *b′*	−0.11		−0.88		+0.04		−0.88		−0.02		−0.87		+0.03		−0.86	

*) Bei Stern 305) und 306) lies Jan. 21

Tag	307) 27 Lyncis AR.		307) 27 Lyncis Dekl.		308) ι Navis AR.		308) ι Navis Dekl.		309) γ Argus AR.		309) γ Argus Dekl.		311) 20 Navis AR.		311) 20 Navis Dekl.	
1936	8h 3m		+51° 41′		8h 4m		−24° 7′		8h 7m		−47° 8′		8h 10m		−15° 35′	
Jan. 1	42.830	259	25.81	131	51.297	158	7.76	295	35.982	158	47.50	368	25.707	167	40.90	258
11	43.089	185	27.12	153	51.455	107	10.71	288	36.140	91	51.18	366	25.874	118	43.48	248
21	22 43.274	107	28.65	170	51.562	52	13.59	270	36.231	23	54.84	355	25.992	67	45.96	231
30	43.381	27	30.35	178	23 51.614	1	16.29	248	23 36.254	42	58.39	334	24 26.059	16	48.27	209
Feb. 9	43.408	49	32.13	178	51.615	50	18.77	221	36.212	105	61.73	305	26.075	33	50.36	183
19	43.359	119	33.91	169	51.565	95	20.98	189	36.107	160	64.78	271	26.042	76	52.19	155
29	43.240	179	35.60	153	51.470	131	22.87	155	35.947	206	67.49	231	25.966	114	53.74	125
März 10	43.061	225	37.13	128	51.339	160	24.42	120	35.741	242	69.80	187	25.852	141	54.99	94
20	42.836	257	38.41	101	51.179	179	25.62	84	35.499	266	71.67	140	25.711	161	55.93	63
30	42.579	274	39.42	67	51.000	188	26.46	46	35.233	280	73.07	93	25.550	170	56.56	33
Apr. 9	42.305	275	40.09	32	50.812	188	26.92	10	34.953	283	74.00	43	25.380	171	56.89	3
19	42.030	263	40.41	4	50.624	180	27.02	26	34.670	276	74.43	6	25.209	164	56.92	26
29	41.767	239	40.37	40	50.444	164	26.76	60	34.394	259	74.37	54	25.045	149	56.66	54
Mai 9	41.528	204	39.97	74	50.280	143	26.16	93	34.135	236	73.83	101	24.896	127	56.12	80
19	41.324	160	39.23	104	50.137	116	25.23	123	33.899	204	72.82	143	24.769	103	55.32	103
29	41.164	112	38.19	131	50.021	85	24.00	151	33.695	168	71.39	184	24.666	74	54.29	126
Juni 8	41.052	59	36.88	156	49.936	54	22.49	173	33.527	128	69.55	217	24.592	44	53.03	143
18	40.993	5	35.32	172	49.882	19	20.76	191	33.399	84	67.38	247	24.548	11	51.60	158
28	40.988	49	33.60	187	49.863	15	18.85	205	33.315	37	64.91	268	24.537	21	50.02	168
Juli 8	41.037	103	31.73	198	49.878	50	16.80	211	33.278	10	62.23	281	24.558	54	48.34	172
18	41.140	153	29.75	204	49.928	84	14.69	211	33.288	59	59.42	287	24.612	85	46.62	170
28	41.293	203	27.71	207	50.012	118	12.58	203	33.347	107	56.55	282	24.697	116	44.92	163
Aug. 7	41.496	248	25.64	205	50.130	150	10.55	188	33.454	155	53.73	268	24.813	146	43.29	149
17	41.744	291	23.59	201	50.280	181	8.67	165	33.609	202	51.05	244	24.959	174	41.80	128
27	42.035	329	21.58	194	50.461	210	7.02	135	33.811	245	48.61	210	25.133	202	40.52	101
Sept. 6	42.364	364	19.64	184	50.671	237	5.67	98	34.056	285	46.51	169	25.335	228	39.51	68
16	42.728	397	17.80	170	50.908	263	4.69	56	34.341	322	44.82	118	25.563	251	38.83	31
26	43.125	424	16.10	153	51.171	284	4.13	9	34.663	352	43.64	62	25.814	273	38.52	11
Okt. 6	43.549	447	14.57	133	51.455	301	4.04	40	35.015	375	43.02	1	26.087	290	38.63	53
16	43.996	463	13.24	109	51.756	314	4.44	90	35.390	390	43.01	61	26.377	303	39.16	96
26	44.459	473	12.15	83	52.070	320	5.34	138	35.780	394	43.62	124	26.680	311	40.12	138
Nov. 5	44.932	472	11.32	52	52.390	319	6.72	183	36.174	389	44.86	183	26.991	312	41.50	176
15	45.404	461	10.80	19	52.709	310	8.55	221	36.563	372	46.69	236	27.303	305	43.26	207
25	45.865	439	10.61	14	53.019	291	10.76	254	36.935	344	49.05	282	27.608	289	45.33	233
Dez. 5	46.304	403	10.75	50	53.310	264	13.30	277	37.279	303	51.87	321	27.897	266	47.66	250
15	46.707	356	11.25	83	53.574	228	16.07	291	37.582	254	55.08	347	28.163	233	50.16	260
25	47.063	296	12.08	114	53.802	186	18.98	296	37.836	195	58.55	363	28.396	192	52.76	261
35	47.359		13.22		53.988		21.94		38.031		62.18		28.588		55.37	
Mittl. Ort	39.191		34.81		49.073		7.59		33.573		50.26		23.493		39.52	
sec δ, tg δ	1.613		+1.266		1.096		−0.448		1.470		−1.078		1.038		−0.279	
a, *a′*	+4.5		−10.3		+2.6		−10.4		+1.9		−10.6		+2.8		−10.8	
b, *b′*	−0.04		−0.86		+0.02		−0.86		+0.04		−0.85		+0.01		−0.84	

Tag	310) Br 1147 AR.		310) Br 1147 Dekl.		312) β Cancri AR.		312) β Cancri Dekl.		314) 31 Lyncis AR.		314) 31 Lyncis Dekl.		315) ε Argus AR.		315) ε Argus Dekl.	
1936	8h 11m		+75° 56′		8h 13m		+9° 22′		8h 18m		+43° 23′		8h 21m		−59° 18′	
Jan. 1	41.08	55	68.31	238	5.159	187	57.55	124	30.865	249	32.08	76	14.894	190	6.07	384
11	41.63	37	70.69	262	5.346	138	56.31	107	31.114	187	32.84	101	15.084	105	9.91	388
21	42.00	18	73.31	277	5.484	88	55.24	87	31.301	119	33.85	121	15.189	17	13.79	382
30	24 42.18	1	76.08	279	25 5.572	35	54.37	68	26 31.420	50	35.06	134	27 15.206	68	17.61	367
Feb. 9	42.17	19	78.87	270	5.607	14	53.69	48	31.470	17	36.40	142	15.138	147	21.28	341
19	41.98	37	81.57	250	5.593	58	53.21	30	31.453	78	37.82	141	14.991	218	24.69	310
29	41.61	51	84.07	220	5.535	97	52.91	16	31.375	132	39.23	133	14.773	280	27.79	271
März 10	41.10	63	86.27	180	5.438	127	52.75	2	31.243	174	40.56	118	14.493	328	30.50	228
20	40.47	73	88.07	134	5.311	146	52.73	9	31.069	205	41.74	98	14.165	364	32.78	180
30	39.74	77	89.41	83	5.165	157	52.82	17	30.864	221	42.72	73	13.801	386	34.58	130
Apr. 9	38.97	79	90.24	30	5.008	158	52.99	23	30.643	226	43.45	46	13.415	396	35.88	78
19	38.18	78	90.54	25	4.850	149	53.22	30	30.417	217	43.91	18	13.019	393	36.66	26
29	37.40	74	90.29	78	4.701	135	53.52	34	30.200	200	44.09	12	12.626	379	36.92	26
Mai 9	36.66	66	89.51	127	4.566	113	53.86	37	30.000	171	43.97	39	12.247	355	36.66	78
19	36.00	56	88.24	171	4.453	87	54.23	41	29.829	138	43.58	66	11.892	320	35.88	126
29	35.44	44	86.53	212	4.366	57	54.64	43	29.691	98	42.92	90	11.572	279	34.62	171
Juni 8	35.00	32	84.41	245	4.309	27	55.07	44	29.593	55	42.02	111	11.293	229	32.91	212
18	34.68	18	81.96	271	4.282	6	55.51	45	29.538	11	40.91	129	11.064	175	30.79	246
28	34.50	4	79.25	290	4.288	38	55.96	43	29.527	33	39.62	143	10.889	115	28.33	274
Juli 8	34.46	10	76.35	304	4.326	69	56.39	41	29.560	78	38.19	156	10.774	51	25.59	293
18	34.56	24	73.31	309	4.395	99	56.80	34	29.638	121	36.63	164	10.723	14	22.66	304
28	34.80	38	70.22	309	4.494	128	57.14	27	29.759	161	34.99	170	10.737	82	19.62	304
Aug. 7	35.18	50	67.13	301	4.622	156	57.41	15	29.920	199	33.29	175	10.819	149	16.58	294
17	35.68	63	64.12	288	4.778	182	57.56	1	30.119	236	31.54	176	10.968	216	13.64	275
27	36.31	73	61.24	270	4.960	208	57.57	15	30.355	271	29.78	175	11.184	279	10.89	245
Sept. 6	37.04	83	58.54	246	5.168	231	57.42	34	30.626	302	28.03	171	11.463	338	8.44	204
16	37.87	92	56.08	218	5.399	253	57.08	55	30.928	332	26.32	166	11.801	391	6.40	154
26	38.79	99	53.90	183	5.652	273	56.53	76	31.260	358	24.66	158	12.192	435	4.86	98
Okt. 6	39.78	105	52.07	145	5.925	291	55.77	98	31.618	380	23.08	145	12.627	470	3.88	36
16	40.83	108	50.62	103	6.216	304	54.79	117	31.998	399	21.63	130	13.097	491	3.52	29
26	41.91	110	49.59	57	6.520	314	53.62	134	32.397	411	20.33	112	13.588	499	3.81	95
Nov. 5	43.01	109	49.02	9	6.834	316	52.28	147	32.808	414	19.21	89	14.087	493	4.76	160
15	44.10	106	48.93	40	7.150	313	50.81	154	33.222	410	18.32	63	14.580	471	6.36	219
25	45.16	99	49.33	90	7.463	299	49.27	158	33.632	394	17.69	34	15.051	433	8.55	272
Dez. 5	46.15	90	50.23	137	7.762	279	47.69	155	34.026	367	17.35	2	15.484	380	11.27	317
15	47.05	79	51.60	181	8.041	248	46.14	146	34.393	329	17.33	28	15.864	316	14.44	351
25	47.84	64	53.41	219	8.289	210	44.68	134	34.722	281	17.61	59	16.180	239	17.95	374
35	48.48		55.60		8.499		43.34		35.003		18.20		16.419		21.69	
Mittl. Ort	33.16		79.09		2.788		62.64		27.726		41.72		12.192		10.64	
sec δ, tg δ	4.121		+3.997		1.014		+0.165		1.376		+0.946		1.959		−1.684	
a, *a′*	+7.6		−10.9		+3.3		−11.0		+4.1		−11.4		+1.2		−11.6	
b, *b′*	−0.14		− 0.84		−0.01		− 0.84		−0.04		− 0.82		+0.06		− 0.82	

Tag	316) Br 1197 AR.	Diff.	316) Br 1197 Dekl.	Diff.	318) ϑ Chamael. AR.	Diff.	318) ϑ Chamael. Dekl.	Diff.	317) o Ursae maj. AR.	Diff.	317) o Ursae maj. Dekl.	Diff.	320) Grb 1450 AR.	Diff.	320) Grb 1450 Dekl.	Diff.
1936	$8^h\ 22^m$		$-3°\ 41'$		$8^h\ 22^m$		$-77°\ 16'$		$8^h\ 24^m$		$+60°\ 55'$		$8^h\ 28^m$		$+38°\ 13'$	
Jan. 1	30.062 s	185	50.50″	202	40.16 s	28	37.37″	379	62.18 s	38	50.89″	162	48.650 s	246	64.69″	40
11	30.247	138	52.52	186	40.44	9	41.16	389	62.52	26	52.51	192	48.896	189	65.09	66
21	(27) 30.385	88	54.38	169	(27) 40.53	11	45.05	388	(28) 62.78	16	54.43	212	(29) 49.085	126	65.75	88
30	30.473	37	56.07	147	40.42	28	48.93	377	62.94	5	56.55	223	49.211	62	66.63	105
Feb. 9	30.510	11	57.54	124	40.14	45	52.70	356	62.99	4	58.78	223	49.273	1	67.68	116
19	30.499	56	58.78	100	39.69	61	56.26	328	62.95	13	61.01	214	49.272	59	68.84	121
29	30.443	93	59.78	77	39.08	74	59.54	293	62.82	21	63.15	196	49.213	110	70.05	117
März 10	30.350	123	60.55	53	38.34	84	62.47	252	62.61	27	65.11	169	49.103	150	71.22	108
20	30.227	143	61.08	32	37.50	93	64.99	207	62.34	33	66.80	135	48.953	180	72.30	94
30	30.084	155	61.40	11	36.57	99	67.06	157	62.01	35	68.15	95	48.773	198	73.24	75
Apr. 9	29.929	156	61.51	9	35.58	101	68.63	106	61.66	36	69.10	54	48.575	203	73.99	53
19	29.773	151	61.42	27	34.57	102	69.69	53	61.30	36	69.64	9	48.372	198	74.52	29
29	29.622	138	61.15	43	33.55	100	70.22	1	60.94	34	69.73	35	48.174	182	74.81	4
Mai 9	29.484	119	60.72	60	32.55	96	70.21	55	60.60	30	69.38	77	47.992	159	74.85	20
19	29.365	95	60.12	74	31.59	89	69.66	105	60.30	25	68.61	116	47.833	129	74.65	43
29	29.270	68	59.38	86	30.70	80	68.61	153	60.05	20	67.45	151	47.704	94	74.22	64
Juni 8	29.202	39	58.52	96	29.90	70	67.08	197	59.85	13	65.94	182	47.610	56	73.58	84
18	29.163	8	57.56	105	29.20	57	65.11	236	59.72	7	64.12	208	47.554	16	72.74	101
28	29.155	22	56.51	108	28.63	43	62.75	268	59.65	0	62.04	228	47.538	24	71.73	115
Juli 8	29.177	52	55.43	110	28.20	28	60.07	291	59.65	7	59.76	243	47.562	63	70.58	127
18	29.229	82	54.33	106	27.92	12	57.16	306	59.72	13	57.33	254	47.625	102	69.31	138
28	29.311	111	53.27	99	27.80	5	54.10	312	59.85	20	54.79	258	47.727	140	67.93	146
Aug. 7	29.422	139	52.28	86	27.85	22	50.98	306	60.05	26	52.21	258	47.867	175	66.47	153
17	29.561	166	51.42	69	28.07	39	47.92	290	60.31	31	49.63	254	48.042	209	64.94	157
27	29.727	193	50.73	46	28.46	54	45.02	263	60.62	37	47.09	244	48.251	241	63.37	160
Sept. 6	29.920	218	50.27	20	29.00	69	42.39	226	60.99	42	44.65	231	48.492	272	61.77	162
16	30.138	241	50.07	10	29.69	81	40.13	179	61.41	46	42.34	213	48.764	301	60.15	161
26	30.379	262	50.17	42	30.50	93	38.34	124	61.87	51	40.21	191	49.065	327	58.54	157
Okt. 6	30.641	282	50.59	75	31.43	99	37.10	63	62.38	54	38.30	165	49.392	350	56.97	151
16	30.923	297	51.34	107	32.42	104	36.47	1	62.92	56	36.65	134	49.742	369	55.46	141
26	31.220	307	52.41	138	33.46	105	36.48	68	63.48	58	35.31	99	50.111	382	54.05	128
Nov. 5	31.527	310	53.79	164	34.51	102	37.16	134	64.06	59	34.32	61	50.493	389	52.77	110
15	31.837	308	55.43	186	35.53	95	38.50	196	64.65	57	33.71	21	50.882	387	51.67	89
25	32.145	295	57.29	201	36.48	86	40.46	253	65.22	56	33.50	23	51.269	375	50.78	63
Dez. 5	32.440	275	59.30	210	37.34	72	42.99	300	65.78	51	33.73	65	51.644	352	50.15	36
15	32.715	246	61.40	211	38.06	57	45.99	338	66.29	46	34.38	106	51.996	318	49.79	7
25	32.961	208	63.51	207	38.63	39	49.37	367	66.75	39	35.44	144	52.314	274	49.72	23
35	33.169		65.58		39.02		53.04		67.14		36.88		52.588		49.95	
Mittl. Ort	27.829		47.11		35.51		43.45		57.88		62.49		45.747		74.60	
sec δ, tg δ	1.002		−0.065		4.541		−4.430		2.058		+1.799		1.273		+0.788	
a, *a′*	+3.0		−11.7		−1.7		−11.7		+5.0		−11.8		+3.9		−12.1	
b, *b′*	0.00		− 0.81		+0.17		− 0.81		−0.07		− 0.81		−0.03		− 0.80	

Tag	321) η Cancri AR.		321) η Cancri Dekl.		327) α Pyxidis AR.		327) α Pyxidis Dekl.		326) δ Cancri AR.		326) δ Cancri Dekl.		328) ι Cancri AR.		328) ι Cancri Dekl.	
1936	8h 29m		+20° 39′		8h 41m		−32° 57′		8h 41m		+18° 23′		8h 42m		+28° 59′	
	s		″		s		″		s		″		s		″	
Jan. 1	3.171	214	27.95	63	3.337	197	15.52	329	5.489	222	18.74	84	52.361	240	33.42	21
11	3.385	165	27.32	42	3.534	145	18.81	328	5.711	174	17.90	60	52.601	189	33.21	4
21	3.550	111	26.90	20	3.679	87	22.09	318	5.885	122	17.30	38	52.790	133	33.25	29
30*)	[29] 3.661	56	26.70	0	[1] 3.766	31	25.27	300	[1] 6.007	68	16.92	17	[1] 52.923	75	33.54	49
Feb. 9	3.717	3	26.70	16	3.797	24	28.27	275	6.075	14	16.75	2	52.998	18	34.03	66
19	3.720	45	26.86	30	3.773	74	31.02	246	6.089	34	16.77	18	53.016	36	34.69	76
29	3.675	88	27.16	39	3.699	117	33.48	212	6.055	76	16.95	30	52.980	83	35.45	82
März 10	3.587	122	27.55	44	3.582	152	35.60	174	5.979	112	17.25	37	52.897	121	36.27	82
20	3.465	146	27.99	46	3.430	177	37.34	136	5.867	136	17.62	42	52.776	150	37.09	77
30	3.319	160	28.45	44	3.253	194	38.70	95	5.731	152	18.04	43	52.626	167	37.86	68
Apr. 9	3.159	163	28.89	39	3.059	201	39.65	53	5.579	159	18.47	41	52.459	174	38.54	55
19	2.996	158	29.28	33	2.858	199	40.18	12	5.420	154	18.88	37	52.285	171	39.09	41
29	2.838	145	29.61	26	2.659	190	40.30	29	5.266	143	19.25	31	52.114	160	39.50	25
Mai 9	2.693	125	29.87	18	2.469	174	40.01	68	5.123	126	19.56	26	51.954	141	39.75	9
19	2.568	99	30.05	11	2.295	152	39.33	105	4.997	103	19.82	19	51.813	117	39.84	8
29	2.469	70	30.16	2	2.143	127	38.28	139	4.894	76	20.01	13	51.696	87	39.76	24
Juni 8	2.399	39	30.18	5	2.016	98	36.89	169	4.818	46	20.14	6	51.609	55	39.52	38
18	2.360	7	30.13	12	1.918	66	35.20	196	4.772	16	20.20	1	51.554	21	39.14	51
28	2.353	27	30.01	20	1.852	32	33.24	215	4.756	16	20.19	9	51.533	13	38.63	64
Juli 8	2.380	59	29.81	27	1.820	4	31.09	229	4.772	46	20.10	16	51.546	46	37.99	76
18	2.439	91	29.54	35	1.824	39	28.80	235	4.818	78	19.94	24	51.592	81	37.23	87
28	2.530	121	29.19	45	1.863	76	26.45	234	4.896	107	19.70	35	51.673	114	36.36	97
Aug. 7	2.651	151	28.74	54	1.939	113	24.11	223	5.003	136	19.35	45	51.787	145	35.39	106
17	2.802	179	28.20	65	2.052	149	21.88	205	5.139	165	18.90	57	51.932	176	34.33	116
27	2.981	206	27.55	77	2.201	186	19.83	178	5.304	192	18.33	71	52.108	206	33.17	125
Sept. 6	3.187	232	26.78	89	2.387	220	18.05	143	5.496	219	17.62	85	52.314	234	31.92	133
16	3.419	257	25.89	101	2.607	253	16.62	100	5.715	245	16.77	100	52.548	262	30.59	140
26	3.676	279	24.88	114	2.860	282	15.62	52	5.960	269	15.77	114	52.810	288	29.19	145
Okt. 6	3.955	300	23.74	124	3.142	309	15.10	0	6.229	291	14.63	127	53.098	312	27.74	149
16	4.255	317	22.50	133	3.451	328	15.10	55	6.520	309	13.36	138	53.410	331	26.25	149
26	4.572	329	21.17	137	3.779	342	15.65	109	6.829	324	11.98	145	53.741	347	24.76	145
Nov. 5	4.901	336	19.80	138	4.121	346	16.74	162	7.153	332	10.53	149	54.088	356	23.31	137
15	5.237	334	18.42	136	4.467	343	18.36	210	7.485	332	9.04	148	54.444	357	21.94	125
25	5.571	323	17.06	126	4.810	327	20.46	252	7.817	325	7.56	142	54.801	349	20.69	108
Dez. 5	5.894	305	15.80	113	5.137	304	22.98	285	8.142	307	6.14	130	55.150	331	19.61	87
15	6.199	275	14.67	97	5.441	269	25.83	309	8.449	281	4.84	115	55.481	302	18.74	63
25	6.474	238	13.70	76	5.710	225	28.92	324	8.730	244	3.69	95	55.783	265	18.11	38
35	6.712		12.94		5.935		32.16		8.974		2.74		56.048		17.73	
Mittl. Ort	0.689		35.49		1.179		17.04		3.084		26.54		49.768		43.06	
sec δ, tg δ	1.069		+0.377		1.192		−0.648		1.054		+0.332		1.143		+0.554	
a, a′	+3.5		−12.1		+2.4		−13.0		+3.4		−13.0		+3.6		−13.1	
b, b′	−0.02		− 0.80		+0.03		− 0.76		−0.01		− 0.76		−0.02		− 0.76	

*) Bei Stern 327), 326) und 328) lies Jan. 31

Scheinbare Sternörter 1936

Tag	330) δ Argus AR.		330) δ Argus Dekl.		334) ζ Hydrae AR.		334) ζ Hydrae Dekl.		336) c Carinae AR.		336) c Carinae Dekl.		335) ι Ursae maj. AR.		335) ι Ursae maj. Dekl.	
1936	$8^h 42^m$		−54° 28′		$8^h 52^m$		+6° 11′		$8^h 53^m$		−60° 23′		$8^h 54^m$		+48° 17′	
Jan. 1	58.655	221	19.88	375	2.982	218	18.80	155	38.56	25	51.69	375	53.353	307	25.89	78
11	58.876	147	23.63	383	3.200	173	17.25	138	38.81	18	55.44	389	53.660	245	26.67	111
21	59.023	70	27.46	380	3.373	124	15.87	116	38.99	8	59.33	390	53.905	173	27.78	138
31	59.093	6	31.26	367	3.497	72	14.71	94	39.07	0	63.23	382	54.078	100	29.16	159
Feb. 9	59.087	80	34.93	346	3.569	22	13.77	72	39.07	9	67.05	362	54.178	26	30.75	171
19	59.007	145	38.39	317	3.591	24	13.05	50	38.98	16	70.67	337	54.204	44	32.46	175
29	58.862	204	41.56	282	3.567	66	12.55	31	38.82	24	74.04	303	54.160	107	34.21	171
März 10	58.658	251	44.38	241	3.501	100	12.24	14	38.58	29	77.07	264	54.053	160	35.92	158
20	58.407	287	46.79	196	3.401	124	12.10	0	38.29	34	79.71	221	53.893	201	37.50	137
30	58.120	312	48.75	148	3.277	140	12.10	14	37.95	36	81.92	173	53.692	228	38.87	113
Apr. 9	57.808	324	50.23	99	3.137	147	12.24	23	37.59	39	83.65	123	53.464	243	40.00	82
19	57.484	327	51.22	49	2.990	146	12.47	32	37.20	39	84.88	72	53.221	243	40.82	49
29	57.157	318	51.71	4	2.844	137	12.79	39	36.81	39	85.60	18	52.978	233	41.31	15
Mai 9	56.839	301	51.67	54	2.707	122	13.18	45	36.42	37	85.78	33	52.745	213	41.46	20
19	56.538	276	51.13	102	2.585	102	13.63	49	36.05	35	85.45	84	52.532	184	41.26	53
29	56.262	244	50.11	147	2.483	78	14.12	52	35.70	31	84.61	133	52.348	149	40.73	84
Juni 8	56.018	204	48.64	189	2.405	53	14.64	55	35.39	27	83.28	177	52.199	109	39.89	114
18	55.814	160	46.75	224	2.352	25	15.19	55	35.12	23	81.51	216	52.090	65	38.75	138
28	55.654	112	44.51	254	2.327	4	15.74	54	34.89	17	79.35	250	52.025	20	37.37	161
Juli 8	55.542	59	41.97	276	2.331	32	16.28	51	34.72	11	76.85	275	52.005	25	35.76	180
18	55.483	5	39.21	290	2.363	60	16.79	45	34.61	4	74.10	293	52.030	70	33.96	195
28	55.478	53	36.31	293	2.423	89	17.24	36	34.57	3	71.17	301	52.100	115	32.01	207
Aug. 7	55.531	111	33.38	288	2.512	117	17.60	24	34.60	9	68.16	299	52.215	159	29.94	215
17	55.642	169	30.50	272	2.629	145	17.84	9	34.69	16	65.17	286	52.374	200	27.79	219
27	55.811	226	27.78	245	2.774	171	17.93	9	34.85	24	62.31	263	52.574	242	25.60	221
Sept. 6	56.037	280	25.33	209	2.945	199	17.84	30	35.09	30	59.68	229	52.816	280	23.39	220
16	56.317	330	23.24	163	3.144	225	17.54	53	35.39	36	57.39	185	53.096	318	21.19	214
26	56.647	375	21.61	110	3.369	250	17.01	77	35.75	42	55.54	133	53.414	353	19.05	204
Okt. 6	57.022	411	20.51	51	3.619	273	16.24	102	36.17	46	54.21	75	53.767	384	17.01	191
16	57.433	437	20.00	12	3.892	292	15.22	124	36.63	50	53.46	11	54.151	411	15.10	173
26	57.870	453	20.12	78	4.184	308	13.98	145	37.13	52	53.35	54	54.562	431	13.37	151
Nov. 5	58.323	455	20.90	141	4.492	318	12.53	163	37.65	52	53.89	121	54.993	445	11.86	123
15	58.778	444	22.31	201	4.810	319	10.90	174	38.17	51	55.10	183	55.438	447	10.63	92
25	59.222	417	24.32	255	5.129	314	9.16	180	38.68	48	56.93	240	55.885	439	9.71	58
Dez. 5	59.639	378	26.87	301	5.443	298	7.36	181	39.16	44	59.33	290	56.324	419	9.13	19
15	60.017	326	29.88	338	5.741	273	5.55	175	39.60	38	62.23	331	56.743	384	8.94	19
25	60.343	263	33.26	363	6.014	240	3.80	164	39.98	30	65.54	362	57.127	338	9.13	56
35	60.606		36.89		6.254		2.16		40.28		69.16		57.465		9.69	
Mittl. Ort	56.202		24.69		0.762		24.84		35.95		57.63		50.181		39.06	
sec δ, tg δ	1.721		−1.401		1.006		+0.108		2.025		−1.760		1.503		+1.122	
a, *a′*	+1.7		−13.1		+3.2		−13.7		+1.4		−13.8		+4.2		−13.9	
b, *b′*	+0.06		−0.76		0.00		−0.73		+0.08		−0.73		−0.05		−0.72	

Tag	337) α Cancri AR.		337) α Cancri Dekl.		339) 10 Ursae maj. AR.		339) 10 Ursae maj. Dekl.		341) κ Ursae maj. AR.		341) κ Ursae maj. Dekl.		343) α Volantis AR.		343) α Volantis Dekl.	
1936	$8^h 54^m$		+12° 5′		$8^h 56^m$		+42° 1′		$8^h 59^m$		+47° 24′		$9^h 1^m$		−66° 8′	
Jan. 1	61.652	226	76.40	124	32.557	285	61.92	44	19.083	310	25.94	70	29.31	31	18.76	374
11	61.878	181	75.16	103	32.842	228	62.36	74	19.393	248	26.64	103	29.62	20	22.50	390
21	62.059	131	74.13	81	33.070	164	63.10	103	19.641	179	27.67	132	29.82	10	26.40	396
31	62.190	79	73.32	58	33.234	97	64.13	123	19.820	107	28.99	154	29.92	1	30.36	390
Feb. 9	62.269	28	72.74	36	33.331	31	65.36	139	19.927	33	30.53	168	29.91	10	34.26	375
19	62.297	21	72.38	17	33.362	33	66.75	146	19.960	36	32.21	172	29.81	20	38.01	352
29	62.276	63	72.21	1	33.329	90	68.21	146	19.924	98	33.93	170	29.61	29	41.53	321
März 10	62.213	98	72.20	13	33.239	137	69.67	137	19.826	151	35.63	158	29.32	35	44.74	284
20	62.115	124	72.33	24	33.102	174	71.04	123	19.675	191	37.21	140	28.97	41	47.58	241
30	61.991	140	72.57	30	32.928	198	72.27	103	19.484	220	38.61	116	28.56	45	49.99	195
Apr. 9	61.851	148	72.87	35	32.730	211	73.30	79	19.264	234	39.77	86	28.11	48	51.94	144
19	61.703	148	73.22	38	32.519	211	74.09	51	19.030	237	40.63	54	27.63	49	53.38	93
29	61.555	139	73.60	39	32.308	202	74.60	23	18.793	228	41.17	21	27.14	49	54.31	39
Mai 9	61.416	124	73.99	38	32.106	183	74.83	7	18.565	208	41.38	13	26.65	47	54.70	14
19	61.292	104	74.37	37	31.923	157	74.76	35	18.357	181	41.25	47	26.18	46	54.56	67
29	61.188	80	74.74	36	31.766	127	74.41	62	18.176	148	40.78	78	25.72	41	53.89	117
Juni 8	61.108	54	75.10	32	31.639	90	73.79	87	18.028	108	40.00	106	25.31	37	52.72	164
18	61.054	25	75.42	29	31.549	52	72.92	110	17.920	67	38.94	133	24.94	31	51.08	206
28	61.029	3	75.71	24	31.497	13	71.82	130	17.853	23	37.61	154	24.63	24	49.02	243
Juli 8	61.032	31	75.95	18	31.484	28	70.52	147	17.830	20	36.07	174	24.39	18	46.59	271
18	61.063	61	76.13	10	31.512	68	69.05	162	17.850	65	34.33	190	24.21	9	43.88	293
28	61.124	90	76.23	1	31.580	106	67.43	174	17.915	109	32.43	203	24.12	1	40.95	304
Aug. 7	61.214	118	76.24	11	31.686	145	65.69	183	18.024	151	30.40	211	24.11	8	37.91	304
17	61.332	145	76.13	26	31.831	182	63.86	191	18.175	193	28.29	217	24.19	16	34.87	296
27	61.477	174	75.87	42	32.013	219	61.95	195	18.368	232	26.12	220	24.35	26	31.91	275
Sept. 6	61.651	201	75.45	59	32.232	254	60.00	197	18.600	272	23.92	219	24.61	34	29.16	244
16	61.852	227	74.86	79	32.486	287	58.03	196	18.872	309	21.73	215	24.95	41	26.72	203
26	62.079	253	74.07	99	32.773	319	56.07	191	19.181	344	19.58	206	25.36	49	24.69	152
Okt. 6	62.332	276	73.08	118	33.092	349	54.16	184	19.525	376	17.52	194	25.85	55	23.17	94
16	62.608	297	71.90	135	33.441	373	52.32	172	19.901	404	15.58	178	26.40	58	22.23	31
26	62.905	312	70.55	150	33.814	393	50.60	155	20.305	425	13.80	155	26.98	61	21.92	35
Nov. 5	63.217	324	69.05	161	34.207	405	49.05	134	20.730	438	12.25	130	27.59	62	22.27	102
15	63.541	326	67.44	166	34.612	410	47.71	108	21.168	443	10.95	98	28.21	61	23.29	166
25	63.867	320	65.78	166	35.022	402	46.63	79	21.611	436	9.97	65	28.82	57	24.95	226
Dez. 5	64.187	306	64.12	161	35.424	384	45.84	46	22.047	416	9.32	27	29.39	52	27.21	279
15	64.493	282	62.51	150	35.808	354	45.38	12	22.463	384	9.05	11	29.91	45	30.00	324
25	64.775	248	61.01	135	36.162	313	45.26	23	22.847	339	9.16	48	30.36	37	33.24	356
35	65.023		59.66		36.475		45.49		23.186		9.64		30.73		36.80	
Mittl. Ort	59.381		83.71		29.658		74.42		15.982		39.35		26.46		25.66	
sec δ, tg δ	1.023		+0.214		1.346		+0.902		1.478		+1.088		2.472		−2.261	
a, *a′*	+3.3		−13.9		+3.9		−14.0		+4.1		−14.1		+1.0		−14.3	
b, *b′*	−0.01		−0.72		−0.04		−0.72		−0.05		−0.71		+0.11		−0.70	

Tag	344) σ² Ursae maj.				345) λ Argus				347) ϑ Hydrae				348) β Argus			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	9h 4m		+67° 23′		9h 5m		−43° 10′		9h 11m		+2° 34′		9h 12m		−69° 27′	
Jan. 1	52.16 s	49	30.62″	161	40.527 s	236	20.60″	350	4.301 s	231	61.06″	180	33.37 s	36	4.55″	367
11	52.65	38	32.23	199	40.763	177	24.10	359	4.532	189	59.26	164	33.73	25	8.22	387
21	53.03	27	34.22	227	40.940	115	27.69	355	4.721	140	57.62	144	33.98	13	12.09	396
31	53.30	15	36.49	248	41.055	51	31.24	345	4.861	90	56.18	121	34.11	1	16.05	394
Feb. 9	7 53.45	3	38.97	256	7 41.106	10	34.69	324	8 4.951	40	54.97	97	9 34.12	10	19.99	383
19	53.48	9	41.53	253	41.096	67	37.93	298	4.991	7	54.00	75	34.02	21	23.82	363
29	53.39	20	44.06	240	41.029	117	40.91	265	4.984	50	53.25	52	33.81	31	27.45	334
März 10	53.19	29	46.46	217	40.912	159	43.56	228	4.934	84	52.73	33	33.50	39	30.79	300
20	52.90	37	48.63	184	40.753	192	45.84	188	4.850	111	52.40	14	33.11	45	33.79	259
30	52.53	42	50.47	145	40.561	215	47.72	144	4.739	130	52.26	2	32.66	52	36.38	213
Apr. 9	52.11	46	51.92	100	40.346	229	49.16	100	4.609	139	52.28	15	32.14	54	38.51	165
19	51.65	47	52.92	52	40.117	234	50.16	53	4.470	141	52.43	27	31.60	57	40.16	114
29	51.18	46	53.44	3	39.883	229	50.69	8	4.329	135	52.70	38	31.03	57	41.30	60
Mai 9	50.72	43	53.47	46	39.654	218	50.77	38	4.194	124	53.08	46	30.46	56	41.90	5
19	50.29	39	53.01	93	39.436	201	50.39	82	4.070	107	53.54	54	29.90	54	41.95	47
29	49.90	33	52.08	136	39.235	177	49.57	124	3.963	86	54.08	60	29.36	50	41.48	99
Juni 8	49.57	27	50.72	176	39.058	150	48.33	161	3.877	64	54.68	64	28.86	46	40.49	148
18	49.30	20	48.96	211	38.908	118	46.72	195	3.813	38	55.32	67	28.40	39	39.01	193
28	49.10	12	46.85	241	38.790	82	44.77	222	3.775	13	55.99	67	28.01	32	37.08	232
Juli 8	48.98	4	44.44	264	38.708	44	42.55	244	3.762	14	56.66	66	27.69	24	34.76	263
18	48.94	4	41.80	282	38.664	4	40.11	257	3.776	42	57.32	60	27.45	15	32.13	288
28	48.98	13	38.98	294	38.660	38	37.54	262	3.818	70	57.92	52	27.30	5	29.25	303
Aug. 7	49.11	20	36.04	300	38.698	82	34.92	258	3.888	97	58.44	41	27.25	4	26.22	307
17	49.31	29	33.04	301	38.780	126	32.34	245	3.985	125	58.85	25	27.29	15	23.15	302
27	49.60	36	30.03	296	38.906	171	29.89	221	4.110	153	59.10	6	27.44	26	20.13	284
Sept. 6	49.96	42	27.07	285	39.077	216	27.68	190	4.263	181	59.16	16	27.70	35	17.29	257
16	50.38	50	24.22	269	39.293	257	25.78	148	4.444	210	59.00	41	28.05	45	14.72	217
26	50.88	56	21.53	247	39.550	296	24.30	100	4.654	237	58.59	68	28.50	53	12.55	170
Okt. 6	51.44	61	19.06	219	39.846	330	23.30	45	4.891	262	57.91	95	29.03	61	10.85	114
16	52.05	65	16.87	187	40.176	358	22.85	13	5.153	284	56.96	122	29.64	66	9.71	52
26	52.70	69	15.00	149	40.534	378	22.98	73	5.437	303	55.74	146	30.30	69	9.19	14
Nov. 5	53.39	71	13.51	107	40.912	387	23.71	132	5.740	316	54.28	168	30.99	70	9.33	82
15	54.10	72	12.44	60	41.299	387	25.03	188	6.056	321	52.60	183	31.69	70	10.15	146
25	54.82	70	11.84	11	41.686	373	26.91	238	6.377	318	50.77	195	32.39	65	11.61	209
Dez. 5	55.52	66	11.73	40	42.059	349	29.29	282	6.695	305	48.82	198	33.04	60	13.70	263
15	56.18	62	12.13	89	42.408	313	32.11	315	7.000	283	46.84	196	33.64	53	16.33	311
25	56.80	54	13.02	136	42.721	266	35.26	340	7.283	252	44.88	187	34.17	42	19.44	348
35	57.34		14.38		42.987		38.66		7.535		43.01		34.59		22.92	
Mittl. Ort	47.37		46.40		38.371		24.34		2.180		66.94		30.346		12.23	
sec δ, tg δ	2.602		+2.402		1.371		−0.938		1.001		+0.045		2.849		−2.668	
a, *a*′	+5.3		−14.5		+2.2		−14.5		+3.1		−14.8		+0.7		−14.9	
b, *b*′	−0.12		−0.69		+0.05		−0.69		0.00		−0.67		+0.13		−0.67	

Tag	350) 83 Cancri				352) 40 Lyncis				353) κ Argus				354) α Hydrae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$9^h\,15^m$		$+17°\,58'$		$9^h\,17^m$		$+34°\,39'$		$9^h\,20^m$		$-54°\,44'$		$9^h\,24^m$		$-8°\,22'$	
Jan. 1	$27^s.041$	251	$30''.23$	100	$12^s.310$	284	$38''.66$	11	$10^s.090$	284	$6''.34$	361	$28^s.594$	237	$52''.62$	234
11	27.292	205	29.23	76	12.594	233	38.55	22	10.374	214	9.95	378	28.831	195	54.96	223
21	27.497	155	28.47	50	12.827	177	38.77	52	10.588	138	13.73	382	29.026	147	57.19	208
31	27.652	103	27.97	25	13.004	116	39.29	78	10.726	62	17.55	377	29.173	97	59.27	188
Feb. 9*)	27.755	50	27.72	3	13.120	56	40.07	98	10.788	12	21.32	363	29.270	48	61.15	164
19	27.805	1	27.69	17	13.176	3	41.05	112	10.776	82	24.95	340	29.318	1	62.79	140
29	27.804	46	27.86	32	13.173	56	42.17	120	10.694	144	28.35	311	29.319	42	64.19	114
März 10	27.758	85	28.18	43	13.117	101	43.37	120	10.550	198	31.46	276	29.277	78	65.33	87
20	27.673	114	28.61	50	13.016	136	44.57	113	10.352	241	34.22	234	29.199	105	66.20	63
30	27.559	134	29.11	53	12.880	162	45.70	103	10.111	274	36.56	191	29.094	125	66.83	38
Apr. 9	27.425	146	29.64	53	12.718	176	46.73	86	9.837	295	38.47	143	28.969	137	67.21	15
19	27.279	149	30.17	50	12.542	180	47.59	67	9.542	307	39.90	94	28.832	141	67.36	7
29	27.130	143	30.67	44	12.362	176	48.26	45	9.235	309	40.84	43	28.691	138	67.29	27
Mai 9	26.987	131	31.11	38	12.186	163	48.71	21	8.926	301	41.27	7	28.553	128	67.02	46
19	26.856	114	31.49	30	12.023	143	48.92	2	8.625	285	41.20	56	28.425	115	66.56	64
29	26.742	93	31.79	23	11.880	118	48.90	24	8.340	262	40.64	105	28.310	97	65.92	80
Juni 8	26.649	68	32.02	13	11.762	89	48.66	47	8.078	232	39.59	149	28.213	76	65.12	93
18	26.581	42	32.15	4	11.673	59	48.19	68	7.846	196	38.10	189	28.137	54	64.19	103
28	26.539	14	32.19	6	11.614	25	47.51	87	7.650	155	36.21	225	28.083	29	63.16	112
Juli 8	26.525	14	32.13	15	11.589	8	46.64	105	7.495	108	33.96	252	28.054	3	62.04	115
18	26.539	43	31.98	27	11.597	43	45.59	120	7.387	57	31.44	273	28.051	23	60.89	116
28	26.582	72	31.71	38	11.640	76	44.39	135	7.330	3	28.71	285	28.074	50	59.73	111
Aug. 7	26.654	101	31.33	51	11.716	110	43.04	149	7.327	54	25.86	286	28.124	79	58.62	101
17	26.755	129	30.82	65	11.826	144	41.55	159	7.381	113	23.00	279	28.203	108	57.61	86
27	26.884	158	30.17	80	11.970	177	39.96	169	7.494	173	20.21	260	28.311	137	56.75	66
Sept. 6	27.042	188	29.37	96	12.147	211	38.27	178	7.667	233	17.61	231	28.448	168	56.09	40
16	27.230	217	28.41	112	12.358	243	36.49	183	7.900	289	15.30	192	28.616	198	55.69	11
26	27.447	245	27.29	128	12.601	276	34.66	187	8.189	342	13.38	145	28.814	227	55.58	22
Okt. 6	27.692	271	26.01	142	12.877	305	32.79	186	8.531	388	11.93	89	29.041	255	55.80	57
16	27.963	295	24.59	155	13.182	332	30.93	183	8.919	425	11.04	29	29.296	279	56.37	93
26	28.258	316	23.04	164	13.514	354	29.10	175	9.344	452	10.75	35	29.575	301	57.30	129
Nov. 5	28.574	329	21.40	168	13.868	370	27.35	161	9.796	466	11.10	98	29.876	314	58.59	160
15	28.903	336	19.72	168	14.238	378	25.74	144	10.262	466	12.08	161	30.190	322	60.19	189
25	29.239	335	18.04	162	14.616	377	24.30	120	10.728	451	13.69	219	30.512	320	62.08	210
Dez. 5	29.574	323	16.42	150	14.993	364	23.10	93	11.179	422	15.88	269	30.832	308	64.18	227
15	29.897	302	14.92	135	15.357	341	22.17	62	11.601	378	18.57	313	31.140	288	66.45	234
25	30.199	270	13.57	114	15.698	306	21.55	30	11.979	322	21.70	344	31.428	257	68.79	236
35	30.469		12.43		16.004		21.25		12.301		25.14		31.685		71.15	
Mittl. Ort	24.779		39.63		9.748		51.42		7.801		12.39		26.587		49.01	
sec δ, tg δ	1.051		+0.324		1.216		+0.692		1.732		−1.414		1.011		−0.147	
a, *a'*	+3.4		−15.1		+3.7		−15.2		+1.9		−15.4		+2.9		−15.6	
b, *b'*	−0.02		−0.66		−0.03		−0.65		+0.07		−0.64		+0.01		−0.63	

*) Bei Stern 352), 353) und 354) lies Feb. 10

Tag	355) *h* Ursae maj. AR.		Dekl.		359) ψ Argus AR.		Dekl.		358) ϑ Ursae maj. AR.		Dekl.		357) *d* Ursae maj. AR.		Dekl.	
1936	$9^h 26^m$		+63° 19′		$9^h 28^m$		−40° 11′		$9^h 28^m$		+51° 57′		$9^h 28^m$		+70° 6′	
Jan. 1	$34^s.38$	46	77″.82	124	$12^s.657$	258	4″.97	337	$38^s.473$	363	56″.14	68	$56^s.52$	58	29″.47	149
11	34.84	38	79.06	165	12.915	204	8.34	347	38.836	300	56.82	108	57.10	48	30.96	192
21	35.22	29	80.71	200	13.119	147	11.81	347	39.136	229	57.90	143	57.58	36	32.88	227
31	35.51	18	82.71	226	13.266	85	15.28	338	39.365	152	59.33	170	57.94	22	35.15	253
Feb. 10	35.69	8	84.97	241	13.351	27	18.66	321	39.517	73	61.03	189	58.16	9	37.68	266
19	12 35.77	3	87.38	246	13 13.378	30	21.87	297	13 39.590	4	62.92	199	13 58.25	5	40.34	269
29	35.74	12	89.84	240	13.348	79	24.84	267	39.586	75	64.91	199	58.20	18	43.03	261
März 10	35.62	21	92.24	224	13.269	123	27.51	233	39.511	137	66.90	190	58.02	28	45.64	240
20	35.41	27	94.48	198	13.146	157	29.84	195	39.374	188	68.80	173	57.74	38	48.04	211
30	35.14	33	96.46	165	12.989	183	31.79	155	39.186	227	70.53	148	57.36	45	50.15	173
Apr. 9	34.81	37	98.11	125	12.806	199	33.34	113	38.959	250	72.01	118	56.91	51	51.88	130
19	34.44	38	99.36	81	12.607	208	34.47	69	38.709	263	73.19	82	56.40	53	53.18	81
29	34.06	38	100.17	35	12.399	208	35.16	25	38.446	260	74.01	46	55.87	53	53.99	30
Mai 9	33.68	37	100.52	12	12.191	201	35.41	19	38.186	249	74.47	7	55.34	51	54.29	21
19	33.31	34	100.40	58	11.990	189	35.22	61	37.937	226	74.54	32	54.83	48	54.08	71
29	32.97	30	99.82	103	11.801	171	34.61	101	37.711	197	74.22	69	54.35	43	53.37	118
Juni 8	32.67	25	98.79	143	11.630	147	33.60	139	37.514	160	73.53	104	53.92	36	52.19	163
18	32.42	19	97.36	180	11.483	121	32.21	173	37.354	121	72.49	136	53.56	29	50.56	202
28	32.23	13	95.56	212	11.362	91	30.48	201	37.233	77	71.13	166	53.27	21	48.54	237
Juli 8	32.10	7	93.44	240	11.271	58	28.47	223	37.156	31	69.47	190	53.06	13	46.17	265
18	32.03	0	91.04	262	11.213	23	26.24	239	37.125	15	67.57	211	52.93	3	43.52	288
28	32.03	7	88.42	279	11.190	16	23.85	246	37.140	62	65.46	229	52.90	6	40.64	304
Aug. 7	32.10	14	85.63	290	11.206	57	21.39	246	37.202	109	63.17	243	52.96	15	37.60	316
17	32.24	20	82.73	297	11.263	99	18.93	235	37.311	155	60.74	251	53.11	24	34.44	320
27	32.44	27	79.76	296	11.362	141	16.58	217	37.466	202	58.23	257	53.35	32	31.24	318
Sept. 6	32.71	33	76.80	291	11.503	185	14.41	187	37.668	248	55.66	258	53.67	41	28.06	310
16	33.04	39	73.89	282	11.688	227	12.54	151	37.916	291	53.08	254	54.08	49	24.96	297
26	33.43	44	71.07	265	11.915	267	11.03	105	38.207	335	50.54	246	54.57	57	21.99	277
Okt. 6	33.87	50	68.42	243	12.182	305	9.98	55	38.542	375	48.08	232	55.14	63	19.22	251
16	34.37	55	65.99	215	12.487	336	9.43	1	38.917	410	45.76	214	55.77	70	16.71	218
26	34.92	58	63.84	182	12.823	360	9.44	58	39.327	440	43.62	191	56.47	74	14.53	180
Nov. 5	35.50	61	62.02	143	13.183	375	10.02	116	39.767	462	41.71	160	57.21	78	12.73	137
15	36.11	62	60.59	100	13.558	380	11.18	171	40.229	475	40.11	126	57.99	79	11.36	89
25	36.73	63	59.59	52	13.938	375	12.89	221	40.704	474	38.85	88	58.78	78	10.47	37
Dez. 5	37.36	60	59.07	2	14.313	355	15.10	264	41.178	461	37.97	45	59.56	76	10.10	17
15	37.96	56	59.05	48	14.668	326	17.74	299	41.639	433	37.52	1	60.32	71	10.27	69
25	38.52	50	59.53	96	14.994	285	20.73	325	42.072	391	37.51	43	61.03	64	10.96	121
35	39.02		60.49		15.279		23.98		42.463		37.94		61.67		12.17	
Mittl. Ort	30.38		95.18		10.622		8.61		35.359		72.41		51.57		47.53	
sec δ, tg δ	2.229		+1.992		1.309		−0.845		1.623		+1.279		2.940		+2.764	
a, *a*′	+4.7		−15.7		+2.4		−15.8		+4.1		−15.8		+5.3		−15.8	
b, *b*′	−0.10		−0.62		+0.04		−0.62		−0.07		−0.61		−0.15		−0.61	

Tag	360) 10 Leonis min. AR.	Δ	360) Dekl.	Δ	366) ϑ Antliae AR.	Δ	366) Dekl.	Δ	367) ε Leonis AR.	Δ	367) Dekl.	Δ	369) υ Argus AR.	Δ	369) Dekl.	Δ
1936	$9^h 30^m$		+36° 40′		$9^h 41^m$		−27° 28′		$9^h 42^m$		+24° 3′		$9^h 45^m$		−64° 46′	
Jan. 1	21.141	301	44.07	9	22.765	257	31.53	302	15.596	281	59.32	82	32.66	39	20.66	350
11	21.442	252	43.98	26	23.022	212	34.55	306	15.877	237	58.50	52	33.05	31	24.16	375
21	21.694	195	44.24	58	23.234	161	37.61	301	16.114	189	57.98	21	33.36	21	27.91	390
31	21.889	134	44.82	87	23.395	108	40.62	288	16.303	135	57.77	7	33.57	11	31.81	393
Feb. 10	22.023	72	45.69	108	23.503	55	43.50	270	16.438	80	57.84	32	33.68	2	35.74	388
	13				16				16				17			
19	22.095	12	46.77	124	23.558	4	46.20	246	16.518	26	58.16	53	33.70	8	39.62	373
29	22.107	43	48.01	133	23.562	42	48.66	217	16.544	22	58.69	68	33.62	16	43.35	350
März 10	22.064	91	49.34	134	23.520	80	50.83	187	16.522	64	59.37	80	33.46	23	46.85	320
20	21.973	129	50.68	129	23.440	113	52.70	153	16.458	99	60.17	84	33.23	30	50.05	283
30	21.844	158	51.97	116	23.327	136	54.23	118	16.359	125	61.01	84	32.93	35	52.88	242
Apr. 9	21.686	176	53.13	99	23.191	152	55.41	83	16.234	141	61.85	79	32.58	39	55.30	197
19	21.510	182	54.12	78	23.039	160	56.24	47	16.093	149	62.64	71	32.19	41	57.27	147
29	21.328	181	54.90	54	22.879	162	56.71	12	15.944	149	63.35	59	31.78	43	58.74	96
Mai 9	21.147	170	55.44	30	22.717	156	56.83	23	15.795	141	63.94	46	31.35	44	59.70	42
19	20.977	153	55.74	3	22.561	145	56.60	57	15.654	127	64.40	31	30.91	42	60.12	10
29	20.824	130	55.77	23	22.416	131	56.03	89	15.527	110	64.71	17	30.49	40	60.02	62
Juni 8	20.694	102	55.54	47	22.285	113	55.14	118	15.417	88	64.88	0	30.09	37	59.40	113
18	20.592	73	55.07	71	22.172	91	53.96	144	15.329	64	64.88	15	29.72	34	58.27	159
28	20.519	40	54.36	93	22.081	66	52.52	165	15.265	38	64.73	30	29.38	28	56.68	201
Juli 8	20.479	7	53.43	113	22.015	40	50.87	182	15.227	11	64.43	46	29.10	23	54.67	237
18	20.472	27	52.30	131	21.975	12	49.05	192	15.216	17	63.97	61	28.87	16	52.30	266
28	20.499	61	50.99	147	21.963	20	47.13	197	15.233	46	63.36	76	28.71	9	49.64	286
Aug. 7	20.560	96	49.52	162	21.983	52	45.16	193	15.279	75	62.60	91	28.62	1	46.78	298
17	20.656	130	47.90	175	22.035	86	43.23	182	15.354	106	61.69	107	28.61	7	43.80	298
27	20.786	166	46.15	185	22.121	121	41.41	164	15.460	136	60.62	121	28.68	15	40.82	287
Sept. 6	20.952	200	44.30	194	22.242	158	39.77	137	15.596	168	59.41	137	28.83	24	37.95	267
16	21.152	235	42.36	199	22.400	195	38.40	103	15.764	199	58.04	150	29.07	33	35.28	233
26	21.387	269	40.37	203	22.595	230	37.37	64	15.963	232	56.54	163	29.40	40	32.95	191
Okt. 6	21.656	302	38.34	201	22.825	265	36.73	19	16.195	262	54.91	174	29.80	48	31.04	140
16	21.958	331	36.33	197	23.090	294	36.54	30	16.457	291	53.17	181	30.28	53	29.64	82
26	22.289	356	34.36	188	23.384	318	36.84	79	16.748	316	51.36	185	30.81	57	28.82	18
Nov. 5	22.645	375	32.48	172	23.702	337	37.63	128	17.064	335	49.51	184	31.38	60	28.64	48
15	23.020	386	30.76	153	24.039	346	38.91	174	17.399	347	47.67	177	31.98	61	29.12	113
25	23.406	387	29.23	127	24.385	344	40.65	215	17.746	351	45.90	165	32.59	59	30.25	177
Dez. 5	23.793	377	27.96	98	24.729	333	42.80	250	18.097	344	44.25	148	33.18	57	32.02	234
15	24.170	356	26.98	65	25.062	311	45.30	276	18.441	327	42.77	125	33.75	51	34.36	285
25	24.526	323	26.33	30	25.373	279	48.06	294	18.768	299	41.52	98	34.26	44	37.21	328
35	24.849		26.03		25.652		51.00		19.067		40.54		34.70		40.49	
Mittl. Ort	18.603		58.02		20.845		32.50		13.377		71.32		30.18		28.97	
sec δ, tg δ	1.247		+0.745		1.127		−0.520		1.095		+0.447		2.346		−2.123	
a, *a′*	+3.7		−15.9		+2.7		−16.5		+3.4		−16.5		+1.5		−16.7	
b, *b′*	−0.04		−0.61		+0.03		−0.57		−0.02		−0.57		+0.12		−0.55	

Tag	368) υ Ursae maj.				370) 6 Sextantis				372) Grb 1586				378) π Leonis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$9^h 46^m$		+59° 19′		$9^h 48^m$		−3° 56′		$9^h 52^m$		+73° 10′		$9^h 56^m$		+8° 20′	
Jan. 1	30.824	443	68.76	86	2.507	257	38.63	217	47.55	72	46.13	135	51.979	270	58.77	164
11	31.267	374	69.62	131	2.764	216	40.80	205	48.27	60	47.48	183	52.249	232	57.13	144
21	31.641	293	70.93	170	2.980	173	42.85	187	48.87	47	49.31	223	52.481	187	55.69	120
31	31.934	203	72.63	201	3.153	124	44.72	166	49.34	32	51.54	254	52.668	138	54.49	94
Feb. 10	32.137	110	74.64	222	3.277	74	46.38	143	49.66	17	54.08	274	52.806	88	53.55	68
19*)	32.247	19	76.86	234	3.351	26	47.81	118	49.83	1	56.82	281	52.894	39	52.87	44
29	32.266	68	79.20	234	3.377	17	48.99	93	49.84	15	59.63	278	52.933	5	52.43	22
März 10	32.198	147	81.54	225	3.360	54	49.92	68	49.69	28	62.41	261	52.928	45	52.21	1
20	32.051	212	83.79	206	3.306	85	50.60	46	49.41	39	65.02	236	52.883	77	52.20	15
30	31.839	264	85.85	178	3.221	107	51.06	25	49.02	50	67.38	200	52.806	102	52.35	27
Apr. 9	31.575	300	87.63	144	3.114	122	51.31	5	48.52	57	69.38	157	52.704	118	52.62	37
19	31.275	321	89.07	104	2.992	130	51.36	13	47.95	62	70.95	108	52.586	127	52.99	44
29	30.954	327	90.11	62	2.862	130	51.23	29	47.33	63	72.03	58	52.459	129	53.43	48
Mai 9	30.627	318	90.73	17	2.732	124	50.94	43	46.70	63	72.61	4	52.330	124	53.91	51
19	30.309	300	90.90	28	2.608	114	50.51	56	46.07	61	72.65	49	52.206	114	54.42	51
29	30.009	269	90.62	71	2.494	100	49.95	67	45.46	55	72.16	100	52.092	101	54.93	50
Juni 8	29.740	232	89.91	112	2.394	83	49.28	76	44.91	50	71.16	148	51.991	84	55.43	48
18	29.508	186	88.79	151	2.311	63	48.52	84	44.41	42	69.68	191	51.907	65	55.91	45
28	29.322	138	87.28	184	2.248	42	47.68	88	43.99	33	67.77	230	51.842	43	56.36	39
Juli 8	29.184	84	85.44	215	2.206	18	46.80	90	43.66	23	65.47	264	51.799	21	56.75	32
18	29.100	30	83.29	240	2.188	6	45.90	88	43.43	14	62.83	292	51.778	3	57.07	24
28	29.070	27	80.89	261	2.194	31	45.02	82	43.29	3	59.91	313	51.781	29	57.31	13
Aug. 7	29.097	85	78.28	276	2.225	58	44.20	72	43.26	7	56.78	327	51.810	55	57.44	0
17	29.182	142	75.52	288	2.283	87	43.48	58	43.33	18	53.51	337	51.865	82	57.44	15
27	29.324	199	72.64	292	2.370	116	42.90	39	43.51	29	50.14	338	51.947	111	57.29	34
Sept. 6	29.523	256	69.72	294	2.486	147	42.51	16	43.80	39	46.76	334	52.058	142	56.95	54
16	29.779	312	66.78	288	2.633	178	42.35	11	44.19	49	43.42	323	52.200	173	56.41	76
26	30.091	366	63.90	277	2.811	209	42.46	40	44.68	59	40.19	304	52.373	204	55.65	99
Okt. 6	30.457	418	61.13	261	3.020	239	42.86	72	45.27	67	37.15	280	52.577	236	54.66	122
16	30.875	463	58.52	238	3.259	268	43.58	104	45.94	75	34.35	249	52.813	265	53.44	144
26	31.338	502	56.14	210	3.527	291	44.62	135	46.69	82	31.86	211	53.078	290	52.00	163
Nov. 5	31.840	534	54.04	175	3.818	311	45.97	164	47.51	87	29.75	166	53.368	311	50.37	179
15	32.374	551	52.29	135	4.129	322	47.61	186	48.38	90	28.09	118	53.679	324	48.58	191
25	32.925	557	50.94	90	4.451	324	49.47	206	49.28	90	26.91	64	54.003	330	46.67	195
Dez. 5	33.482	546	50.04	41	4.775	318	51.53	217	50.18	89	26.27	8	54.333	326	44.72	195
15	34.028	519	49.63	8	5.093	302	53.70	222	51.07	84	26.19	48	54.659	312	42.77	187
25	34.547	475	49.71	58	5.395	275	55.92	220	51.91	77	26.67	105	54.971	287	40.90	174
35	35.022		50.29		5.670		58.12		52.68		27.72		55.258		39.16	
Mittl. Ort	27.416		87.27		0.576		33.51		42.35		66.29		50.010		67.41	
sec δ, tg δ	1.961		+1.687		1.002		−0.069		3.457		+3.309		1.011		+0.147	
a, *a′*	+4.3		−16.7		+3.0		−16.8		+5.4		−17.0		+3.2		−17.2	
b, *b′*	−0.09		−0.55		0.00		−0.54		−0.19		−0.53		−0.01		−0.51	

*) Bei Stern 378) lies Feb. 20

Tag	379) η Leonis AR.		379) η Leonis Dekl.		380) α Leonis AR.		380) α Leonis Dekl.		381) λ Hydrae AR.		381) λ Hydrae Dekl.		382) q Velorum AR.		382) q Velorum Dekl.	
1936	10h 3m		+17° 4′		10h 4m		+12° 16′		10h 7m		−12° 2′		10h 12m		−41° 48′	
	s		″		s		″		s		″		s		″	
Jan. 1	52.801	285	20.51	127	59.933	279	40.45	149	29.903	271	16.40	249	4.521	311	10.57	320
11	53.086	246	19.24	100	60.212	241	38.96	127	30.174	232	18.89	244	4.832	261	13.77	337
21	53.332	201	18.24	71	60.453	197	37.69	99	30.406	188	21.33	231	5.093	207	17.14	345
31	53.533	151	17.53	42	60.650	148	36.70	72	30.594	140	23.64	214	5.300	148	20.59	343
Feb. 10	53.684	99	17.11	15	60.798	98	35.98	45	30.734	91	25.78	193	5.448	88	24.02	334
20	$_{22}$53.783	48	16.96	9	$_{22}$60.896	48	35.53	20	$_{23}$30.825	43	27.71	168	$_{24}$5.536	31	27.36	316
29	53.831	2	17.05	31	60.944	2	35.33	2	30.868	1	29.39	143	5.567	22	30.52	293
März 10	53.833	41	17.36	47	60.946	38	35.35	21	30.867	40	30.82	116	5.545	71	33.45	263
20	53.792	75	17.83	58	60.908	73	35.56	35	30.827	72	31.98	89	5.474	110	36.08	230
30	53.717	101	18.41	65	60.835	97	35.91	45	30.755	97	32.87	64	5.364	143	38.38	194
Apr. 9	53.616	121	19.06	68	60.738	116	36.36	52	30.658	115	33.51	38	5.221	167	40.32	154
19	53.495	130	19.74	67	60.622	127	36.88	56	30.543	125	33.89	15	5.054	184	41.86	113
29	53.365	134	20.41	62	60.495	129	37.44	56	30.418	128	34.04	9	4.870	193	42.99	69
Mai 9	53.231	130	21.03	56	60.366	126	38.00	55	30.290	127	33.95	29	4.677	196	43.68	27
19	53.101	121	21.59	48	60.240	117	38.55	51	30.163	120	33.66	51	4.481	192	43.95	16
29	52.980	108	22.07	39	60.123	105	39.06	45	30.043	110	33.15	68	4.289	183	43.79	59
Juni 8	52.872	91	22.46	27	60.018	88	39.51	40	29.933	96	32.47	85	4.106	169	43.20	98
18	52.781	71	22.73	16	59.930	71	39.91	32	29.837	79	31.62	98	3.937	151	42.22	135
28	52.710	50	22.89	5	59.859	49	40.23	24	29.758	60	30.64	110	3.786	127	40.87	169
Juli 8	52.660	27	22.94	9	59.810	28	40.47	14	29.698	39	29.54	117	3.659	101	39.18	196
18	52.633	2	22.85	22	59.782	4	40.61	3	29.659	15	28.37	121	3.558	69	37.22	219
28	52.631	23	22.63	37	59.778	22	40.64	9	29.644	8	27.16	119	3.489	35	35.03	233
Aug. 7	52.654	50	22.26	52	59.800	47	40.55	24	29.652	36	25.97	112	3.454	3	32.70	240
17	52.704	79	21.74	69	59.847	75	40.31	41	29.688	65	24.85	101	3.457	46	30.30	238
27	52.783	108	21.05	86	59.922	105	39.90	58	29.753	95	23.84	83	3.503	90	27.92	227
Sept. 6	52.891	139	20.19	104	60.027	135	39.32	77	29.848	128	23.01	61	3.593	136	25.65	206
16	53.030	172	19.15	123	60.162	167	38.55	98	29.976	161	22.40	32	3.729	184	23.59	176
26	53.202	205	17.92	142	60.329	199	37.57	119	30.137	196	22.08	0	3.913	232	21.83	138
Okt. 6	53.407	236	16.50	158	60.528	232	36.38	140	30.333	229	22.08	35	4.145	276	20.45	93
16	53.643	267	14.92	172	60.760	262	34.98	158	30.562	260	22.43	73	4.421	317	19.52	40
26	53.910	295	13.20	184	61.022	289	33.40	174	30.822	288	23.16	110	4.738	351	19.12	15
Nov. 5	54.205	317	11.36	191	61.311	311	31.66	186	31.110	309	24.26	146	5.089	378	19.27	72
15	54.522	333	9.45	193	61.622	327	29.80	193	31.419	324	25.72	179	5.467	392	19.99	128
25	54.855	340	7.52	189	61.949	333	27.87	194	31.743	331	27.51	205	5.859	397	21.27	182
Dez. 5	55.195	337	5.63	178	62.282	331	25.93	189	32.074	326	29.56	227	6.256	388	23.09	229
15	55.532	324	3.85	162	62.613	319	24.04	178	32.400	311	31.83	241	6.644	367	25.38	271
25	55.856	301	2.23	141	62.932	295	22.26	161	32.711	287	34.24	247	7.011	333	28.09	303
35	56.157		0.82		63.227		20.65		32.998		36.71		7.344		31.12	
Mittl. Ort	50.787		31.70		57.971		50.40		28.088		13.25		2.678		15.28	
sec δ, tg δ	1.046		+0.307		1.023		+0.218		1.022		−0.213		1.341		−0.894	
a, *a′*	+3.3		−17.5		+3.2		−17.6		+2.9		−17.7		+2.5		−17.9	
b, *b′*	−0.02		− 0.49		−0.01		− 0.48		+0.01		− 0.47		+0.05		− 0.45	

Tag	384) ζ Leonis AR.		384) ζ Leonis Dekl.		383) λ Ursae maj. AR.		383) λ Ursae maj. Dekl.		386) μ Ursae maj. AR.		386) μ Ursae maj. Dekl.		387) 30 H. Ursae maj. AR.		387) 30 H. Ursae maj. Dekl.	
1936	10h 13m		+23° 43′		10h 13m		+43° 13′		10h 18m		+41° 48′		10h 19m		+65° 52′	
Jan. 1	10.143	302	59.93	101	17.162	358	46.97	12	33.820	356	61.48	22	35.97	57	66.01	78
11	10.445	263	58.92	69	17.520	313	46.85	32	34.176	312	61.26	21	36.54	50	66.79	129
21	10.708	217	58.23	36	17.833	257	47.17	73	34.488	259	61.47	62	37.04	41	68.08	176
31	10.925	166	57.87	4	18.090	195	47.90	109	34.747	199	62.09	99	37.45	30	69.84	213
Feb. 10	11.091	112	57.83	24	18.285	130	48.99	138	34.946	134	63.08	129	37.75	20	71.97	242
20	[24] 11.203	60	58.07	50	[24] 18.415	64	50.37	160	[25] 35.080	71	64.37	153	[26] 37.95	9	74.39	260
29	11.263	10	58.57	70	18.479	1	51.97	174	35.151	9	65.90	168	38.04	3	76.99	265
März 10	11.273	34	59.27	84	18.480	56	53.71	179	35.160	47	67.58	175	38.01	13	79.64	261
20	11.239	72	60.11	92	18.424	104	55.50	175	35.113	95	69.33	172	37.88	22	82.25	243
30	11.167	102	61.03	96	18.320	143	57.25	163	35.018	133	71.05	163	37.66	29	84.68	218
Apr. 9	11.065	122	61.99	92	18.177	172	58.88	145	34.885	163	72.68	145	37.37	35	86.86	184
19	10.943	135	62.91	86	18.005	190	60.33	121	34.722	180	74.13	124	37.02	39	88.70	143
29	10.808	141	63.77	76	17.815	198	61.54	92	34.542	190	75.37	97	36.63	42	90.13	97
Mai 9	10.667	138	64.53	62	17.617	196	62.46	61	34.352	189	76.34	66	36.21	42	91.10	49
19	10.529	131	65.15	48	17.421	188	63.07	28	34.163	182	77.00	35	35.79	41	91.59	1
29	10.398	118	65.63	31	17.233	172	63.35	6	33.981	168	77.35	2	35.38	38	91.58	50
Juni 8	10.280	102	65.94	14	17.061	151	63.29	39	33.813	148	77.37	31	35.00	36	91.08	98
18	10.178	82	66.08	3	16.910	126	62.90	71	33.665	125	77.06	62	34.64	30	90.10	142
28	10.096	61	66.05	21	16.784	97	62.19	102	33.540	97	76.44	93	34.34	26	88.68	183
Juli 8	10.035	38	65.84	39	16.687	65	61.17	130	33.443	68	75.51	121	34.08	20	86.85	221
18	9.997	12	65.45	56	16.622	32	59.87	156	33.375	36	74.30	147	33.88	13	84.64	252
28	9.985	14	64.89	74	16.590	3	58.31	179	33.339	2	72.83	171	33.75	7	82.12	280
Aug. 7	9.999	41	64.15	92	16.593	40	56.52	200	33.337	33	71.12	191	33.68	1	79.32	300
17	10.040	71	63.23	109	16.633	77	54.52	217	33.370	69	69.21	210	33.69	7	76.32	317
27	10.111	102	62.14	127	16.710	117	52.35	231	33.439	108	67.11	226	33.76	15	73.15	325
Sept. 6	10.213	134	60.87	144	16.827	157	50.04	243	33.547	148	64.85	238	33.91	23	69.90	330
16	10.347	168	59.43	159	16.984	198	47.61	250	33.695	188	62.47	246	34.14	30	66.60	327
26	10.515	203	57.84	175	17.182	240	45.11	253	33.883	230	60.01	251	34.44	37	63.33	317
Okt. 6	10.718	237	56.09	187	17.422	281	42.58	251	34.113	270	57.50	250	34.81	44	60.16	301
16	10.955	269	54.22	196	17.703	320	40.07	244	34.383	310	55.00	246	35.25	50	57.15	279
26	11.224	299	52.26	202	18.023	355	37.63	231	34.693	345	52.54	234	35.75	56	54.36	248
Nov. 5	11.523	324	50.24	202	18.378	385	35.32	213	35.038	374	50.20	217	36.31	61	51.88	210
15	11.847	342	48.22	197	18.763	406	33.19	188	35.412	397	48.03	194	36.92	65	49.78	168
25	12.189	351	46.25	186	19.169	416	31.31	157	35.809	409	46.09	164	37.57	66	48.10	119
Dez. 5	12.540	351	44.39	169	19.585	417	29.74	120	36.218	411	44.45	130	38.23	67	46.91	66
15	12.891	340	42.70	146	20.002	403	28.54	80	36.629	398	43.15	90	38.90	64	46.25	11
25	13.231	316	41.24	118	20.405	378	27.74	36	37.027	374	42.25	51	39.54	61	46.14	46
35	13.547		40.06		20.783		27.38		37.401		41.74		40.15		46.60	
Mittl. Ort	8.103		73.21		14.752		64.70		31.489		79.21		32.42		87.51	
sec δ, tg δ	1.092		+0.440		1.373		+0.940		1.342		+0.895		2.448		+2.235	
a, a′	+3.3		−17.9		+3.6		−17.9		+3.6		−18.1		+4.3		−18.1	
b, b′	−0.03		−0.45		−0.06		−0.45		−0.05		−0.43		−0.13		−0.42	

Tag	389) μ Hydrae AR.	Δ	Dekl.	Δ	391) J Carinae AR.	Δ	Dekl.	Δ	390) 31 Leonis min. AR.	Δ	Dekl.	Δ	392) Lac. α Antliae AR.	Δ	Dekl.	Δ
1936	10h 22m		−16° 30′		10h 23m		−73° 42′		10h 24m		+37° 1′		10h 24m		−30° 44′	
Jan. 1	61.412	284	34.46	261	10.39	64	8.93	312	13.568	342	52.02	49	14.976	299	26.91	295
11	61.696	246	37.07	261	11.03	53	12.05	349	13.910	301	51.53	7	15.275	258	29.86	306
21	61.942	203	39.68	252	11.56	41	15.54	375	14.211	251	51.46	33	15.533	210	32.92	308
31	62.145	156	42.20	238	11.97	27	19.29	392	14.462	196	51.79	69	15.743	159	36.00	303
Feb. 10	62.301	106	44.58	219	12.24	13	23.21	397	14.658	136	52.48	101	15.902	106	39.03	289
20	62.407	58	46.77	196	12.37	1	27.18	394	14.794	76	53.49	126	16.008	55	41.92	270
29	[27] 62.465	14	48.73	170	[27] 12.36	13	31.12	381	[27] 14.870	18	54.75	144	[27] 16.063	6	44.62	246
März 10	62.479	27	50.43	144	12.23	25	34.93	360	14.888	34	56.19	153	16.069	37	47.08	219
20	62.452	60	51.87	116	11.98	36	38.53	333	14.854	79	57.72	156	16.032	73	49.27	187
30	62.392	87	53.03	88	11.62	45	41.86	298	14.775	116	59.28	150	15.959	103	51.14	154
Apr. 9	62.305	107	53.91	61	11.17	52	44.84	258	14.659	143	60.78	138	15.856	126	52.68	120
19	62.198	120	54.52	34	10.65	59	47.42	213	14.516	160	62.16	119	15.730	140	53.88	85
29	62.078	126	54.86	8	10.06	63	49.55	164	14.356	170	63.35	98	15.590	150	54.73	49
Mai 9	61.952	127	54.94	17	9.43	66	51.19	112	14.186	170	64.33	72	15.440	152	55.22	12
19	61.825	124	54.77	41	8.77	67	52.31	58	14.016	164	65.05	44	15.288	150	55.34	22
29	61.701	115	54.36	63	8.10	67	52.89	3	13.852	152	65.49	15	15.138	143	55.12	57
Juni 8	61.586	105	53.73	83	7.43	64	52.92	50	13.700	135	65.64	14	14.995	132	54.55	89
18	61.481	90	52.90	101	6.79	61	52.42	103	13.565	114	65.50	43	14.863	117	53.66	118
28	61.391	73	51.89	116	6.18	54	51.39	153	13.451	90	65.07	70	14.746	100	52.48	145
Juli 8	61.318	54	50.73	127	5.64	48	49.86	197	13.361	64	64.37	97	14.646	78	51.03	166
18	61.264	32	49.46	134	5.16	40	47.89	235	13.297	35	63.40	122	14.568	53	49.37	182
28	61.232	8	48.12	135	4.76	29	45.54	267	13.262	5	62.18	145	14.515	25	47.55	193
Aug. 7	61.224	19	46.77	132	4.47	17	42.87	289	13.257	27	60.73	167	14.490	5	45.62	196
17	61.243	48	45.45	124	4.30	5	39.98	302	13.284	61	59.06	185	14.495	39	43.66	192
27	61.291	79	44.21	106	4.25	8	36.96	304	13.345	96	57.21	203	14.534	76	41.74	180
Sept. 6	61.370	113	43.15	86	4.33	22	33.92	293	13.441	133	55.18	216	14.610	116	39.94	159
16	61.483	149	42.29	58	4.55	36	30.99	272	13.574	172	53.02	228	14.726	157	38.35	131
26	61.632	185	41.71	25	4.91	48	28.27	240	13.746	211	50.74	236	14.883	198	37.04	95
Okt. 6	61.817	221	41.46	11	5.39	61	25.87	198	13.957	251	48.38	240	15.081	238	36.09	54
16	62.038	255	41.57	51	6.00	71	23.89	145	14.208	288	45.98	239	15.319	276	35.55	8
26	62.293	285	42.08	91	6.71	79	22.44	86	14.496	323	43.59	233	15.595	309	35.47	41
Nov. 5	62.578	310	42.99	130	7.50	86	21.58	22	14.819	353	41.26	221	15.904	336	35.88	92
15	62.888	327	44.29	167	8.36	88	21.36	44	15.172	375	39.05	202	16.240	354	36.80	140
25	63.215	336	45.96	199	9.24	88	21.80	110	15.547	387	37.03	177	16.594	361	38.20	186
Dez. 5	63.551	334	47.95	226	10.12	85	22.90	173	15.934	390	35.26	147	16.955	358	40.06	225
15	63.885	321	50.21	245	10.97	80	24.63	232	16.324	380	33.79	112	17.313	343	42.31	258
25	64.206	300	52.66	256	11.77	72	26.95	283	16.704	358	32.67	72	17.656	317	44.89	283
35	64.506		55.22		12.49		29.78		17.062		31.95		17.973		47.72	
Mittl. Ort	59.678		32.49		7.67		19.45		11.388		69.01		13.243		28.96	
sec δ, tg δ	1.043		−0.296		3.564		−3.421		1.253		+0.755		1.163		−0.595	
a, *a′*	+2.9		−18.3		+1.2		−18.3		+3.5		−18.3		+2.8		−18.3	
b, *b′*	+0.02		− 0.41		+0.21		− 0.41		−0.05		− 0.41		+0.04		− 0.41	

Scheinbare Sternörter 1936

Tag	393) s Carinae AR.		393) s Carinae Dekl.		394) 36 Ursae maj. AR.		394) 36 Ursae maj. Dekl.	
1936	10h 25m	Δ	−58° 24′	Δ	10h 26m	Δ	+56° 17′	Δ
Jan. 1	33.455	407	35.78	320	35.489	452	73.35	32
11	33.862	343	38.98	351	35.941	400	73.67	83
21	34.205	271	42.49	370	36.341	332	74.50	128
31	34.476	193	46.19	380	36.673	255	75.78	169
Feb. 10	34.669	115	49.99	380	36.928	173	77.47	199
20	[27] 34.784	37	53.79	370	[28] 37.101	89	79.46	222
29*)	34.821	34	57.49	353	37.190	8	81.68	234
März 10	34.787	101	61.02	329	37.198	69	84.02	234
20	34.686	158	64.31	298	37.129	134	86.36	225
30	34.528	207	67.29	261	36.995	192	88.61	207
Apr. 9	34.321	246	69.90	221	36.803	234	90.68	179
19	34.075	276	72.11	176	36.569	264	92.47	147
29	33.799	296	73.87	129	36.305	280	93.94	108
Mai 9	33.503	308	75.16	79	36.025	285	95.02	67
19	33.195	311	75.95	29	35.740	279	95.69	24
29	32.884	306	76.24	22	35.461	263	95.93	21
Juni 8	32.578	293	76.02	71	35.198	239	95.72	63
18	32.285	272	75.31	118	34.959	209	95.09	105
28	32.013	244	74.13	162	34.750	172	94.04	143
Juli 8	31.769	207	72.51	200	34.578	131	92.61	179
18	31.562	164	70.51	234	34.447	88	90.82	210
28	31.398	114	68.17	258	34.359	41	88.72	238
Aug. 7	31.284	57	65.59	275	34.318	7	86.34	261
17	31.227	6	62.84	282	34.325	59	83.73	279
27	31.233	73	60.02	278	34.384	111	80.94	292
Sept. 6	31.306	143	57.24	265	34.495	165	78.02	302
16	31.449	215	54.59	240	34.660	220	75.00	304
26	31.664	284	52.19	205	34.880	275	71.96	301
Okt. 6	31.948	351	50.14	160	35.155	329	68.95	292
16	32.299	409	48.54	108	35.484	380	66.03	277
26	32.708	459	47.46	48	35.864	426	63.26	254
Nov. 5	33.167	496	46.98	13	36.290	467	60.72	226
15	33.663	518	47.11	77	36.757	495	58.46	189
25	34.181	523	47.88	139	37.252	513	56.57	149
Dez. 5	34.704	512	49.27	198	37.765	517	55.08	100
15	35.216	484	51.25	251	38.282	504	54.08	51
25	35.700	440	53.76	295	38.786	474	53.57	2
35	36.140		56.71		39.260		53.59	
Mittl. Ort	31.472		44.17		32.720		94.09	
sec δ, tg δ	1.909		−1.626		1.803		+1.500	
a, a′	+2.2		−18.4		+3.9		−18.4	
b, b′	+0.10		− 0.40		−0.09		− 0.40	

Tag	395) 9 H. Draconis AR.		395) 9 H. Draconis Dekl.		404) 33 Sextantis AR.		404) 33 Sextantis Dekl.	
1936	10h 29m	Δ	+76° 1′	Δ	10h 38m	Δ	−1° 24′	Δ
Jan. 1	47.63	91	74.04	101	10.574	291	23.48	213
11	48.54	80	75.05	157	10.865	258	25.61	199
21	49.34	66	76.62	204	11.123	218	27.60	181
31	50.00	50	78.66	243	11.341	172	29.41	159
Feb. 10	50.50	32	81.09	272	11.513	126	31.00	134
20	[28] 50.82	14	83.81	289	11.639	78	32.34	108
29*)	50.96	4	86.70	294	11.717	34	33.42	83
März 10	50.92	22	89.64	286	[1] 11.751	6	34.25	59
20	50.70	38	92.50	266	11.745	40	34.84	36
30	50.32	51	95.16	237	11.705	69	35.20	16
Apr. 9	49.81	62	97.53	198	11.636	89	35.36	2
19	49.19	70	99.51	152	11.547	104	35.34	18
29	48.49	75	101.03	102	11.443	111	35.16	30
Mai 9	47.74	77	102.05	49	11.332	115	34.86	42
19	46.97	77	102.54	7	11.217	111	34.44	52
29	46.20	74	102.47	60	11.106	106	33.92	59
Juni 8	45.46	69	101.87	113	11.000	96	33.33	65
18	44.77	62	100.74	162	10.904	84	32.68	68
28	44.15	53	99.12	207	10.820	68	32.00	71
Juli 8	43.62	43	97.05	247	10.752	52	31.29	70
18	43.19	33	94.58	282	10.700	33	30.59	66
28	42.86	21	91.76	309	10.667	12	29.93	60
Aug. 7	42.65	8	88.67	332	10.655	13	29.33	51
17	42.57	4	85.35	348	10.668	38	28.82	36
27	42.61	16	81.87	355	10.706	68	28.46	20
Sept. 6	42.77	30	78.32	358	10.774	99	28.26	2
16	43.07	42	74.74	351	10.873	132	28.28	25
26	43.49	55	71.23	340	11.005	167	28.53	53
Okt. 6	44.04	66	67.83	318	11.172	202	29.06	81
16	44.70	77	64.65	291	11.374	236	29.87	111
26	45.47	87	61.74	256	11.610	268	30.98	139
Nov. 5	46.34	95	59.18	214	11.878	295	32.37	165
15	47.29	101	57.04	165	12.173	315	34.02	188
25	48.30	105	55.39	111	12.488	327	35.90	204
Dez. 5	49.35	105	54.28	53	12.815	329	37.94	215
15	50.40	102	53.75	7	13.144	322	40.09	219
25	51.42	97	53.82	67	13.466	304	42.28	216
35	52.39		54.49		13.770		44.44	
Mittl. Ort	42.54		96.95		8.870		16.76	
sec δ, tg δ	4.146		+4.024		1.000		−0.025	
a, a′	+5.1		−18.5		+3.1		−18.8	
b, b′	−0.25		− 0.38		0.00		− 0.35	

*) Bei Stern 404) lies März 1

Tag	406) ϑ Argus AR.		406) ϑ Argus Dekl.		407) 42 Leonis min. AR.		407) 42 Leonis min. Dekl.		408) μ Argus AR.		408) μ Argus Dekl.		409) l Leonis AR.		409) l Leonis Dekl.	
1936	$10^h 40^m$		−64° 3′		$10^h 42^m$		+31° 0′		$10^h 44^m$		−49° 4′		$10^h 45^m$		+10° 52′	
	s		″		s		″		s		″		s		″	
Jan. 1	42.17	49	21.83	305	20.664	334	55.52	88	2.335	372	47.45	304	55.442	302	52.71	170
11	42.66	42	24.88	340	20.998	299	54.64	49	2.707	324	50.49	332	55.744	270	51.01	146
21	43.08	33	28.28	366	21.297	256	54.15	10	3.031	267	53.81	349	56.014	232	49.55	119
31	43.41	25	31.94	382	21.553	204	54.05	27	3.298	205	57.30	356	56.246	186	48.36	91
Feb. 10	43.66	16	35.76	386	21.757	150	54.32	62	3.503	140	60.86	356	56.432	138	47.45	60
20	43.82	7	39.62	383	21.907	94	54.94	90	3.643	78	64.42	345	56.570	90	46.85	32
März 1	[2] 43.89	2	43.45	371	[3] 22.001	40	55.84	112	[3] 3.721	18	67.87	329	[3] 56.660	43	46.53	8
10	43.87	9	47.16	350	22.041	9	56.96	128	3.739	37	71.16	305	56.703	2	46.45	14
20	43.78	17	50.66	323	22.032	51	58.24	135	3.702	86	74.21	276	56.705	35	46.59	33
30	43.61	23	53.89	290	21.981	87	59.59	137	3.616	126	76.97	242	56.670	64	46.92	46
Apr. 9	43.38	28	56.79	251	21.894	115	60.96	131	3.490	160	79.39	205	56.606	87	47.38	57
19	43.10	32	59.30	207	21.779	133	62.27	120	3.330	186	81.44	164	56.519	103	47.95	62
29	42.78	35	61.37	161	21.646	145	63.47	104	3.144	204	83.08	121	56.416	112	48.57	64
Mai 9	42.43	37	62.98	111	21.501	149	64.51	84	2.940	216	84.29	75	56.304	116	49.21	64
19	42.06	38	64.09	60	21.352	146	65.35	62	2.724	220	85.04	30	56.188	114	49.85	61
29	41.68	38	64.69	7	21.206	138	65.97	38	2.504	219	85.34	16	56.074	109	50.46	57
Juni 8	41.30	38	64.76	44	21.068	126	66.35	12	2.285	213	85.18	61	55.965	99	51.03	50
18	40.92	35	64.32	95	20.942	110	66.47	13	2.072	200	84.57	104	55.866	87	51.53	42
28	40.57	33	63.37	143	20.832	91	66.34	37	1.872	180	83.53	144	55.779	73	51.95	33
Juli 8	40.24	29	61.94	185	20.741	69	65.97	63	1.692	157	82.09	179	55.706	56	52.28	23
18	39.95	23	60.09	223	20.672	46	65.34	87	1.535	126	80.30	209	55.650	36	52.51	10
28	39.72	19	57.86	253	20.626	20	64.47	109	1.409	91	78.21	232	55.614	16	52.61	3
Aug. 7	39.53	11	55.33	275	20.606	8	63.38	132	1.318	49	75.89	248	55.598	8	52.58	18
17	39.42	4	52.58	288	20.614	38	62.06	152	1.269	4	73.41	254	55.606	34	52.40	36
27	39.38	4	49.70	290	20.652	71	60.54	172	1.265	48	70.87	251	55.640	62	52.04	54
Sept. 6	39.42	13	46.80	281	20.723	105	58.82	189	1.313	103	68.36	239	55.702	94	51.50	75
16	39.55	21	43.99	262	20.828	143	56.93	205	1.416	159	65.97	216	55.796	127	50.75	97
26	39.76	31	41.37	230	20.971	181	54.88	218	1.575	217	63.81	183	55.923	161	49.78	119
Okt. 6	40.07	39	39.07	189	21.152	219	52.70	228	1.792	273	61.98	142	56.084	198	48.59	141
16	40.46	46	37.18	140	21.371	258	50.42	233	2.065	325	60.56	93	56.282	233	47.18	162
26	40.92	52	35.78	83	21.629	294	48.09	234	2.390	371	59.63	38	56.515	266	45.56	180
Nov. 5	41.44	56	34.95	21	21.923	324	45.75	228	2.761	406	59.25	20	56.781	294	43.76	195
15	42.00	60	34.74	44	22.247	349	43.47	217	3.167	432	59.45	78	57.075	316	41.81	204
25	42.60	61	35.18	108	22.596	365	41.30	199	3.599	443	60.23	137	57.391	331	39.77	208
Dez. 5	43.21	61	36.26	171	22.961	370	39.31	175	4.042	442	61.60	192	57.722	336	37.69	206
15	43.82	57	37.97	226	23.331	365	37.56	145	4.484	424	63.52	240	58.058	331	35.63	196
25	44.39	52	40.23	276	23.696	348	36.11	110	4.908	395	65.92	282	58.389	314	33.67	181
35	44.91		42.99		24.044		35.01		5.303		68.74		58.703		31.86	
Mittl. Ort	40.16		31.51		18.716		71.84		0.608		54.31		53.713		63.40	
sec δ, tg δ	2.286		−2.056		1.167		+0.601		1.527		−1.154		1.018		+0.192	
a, a'	+2.1		−18.9		+3.3		−18.9		+2.6		−19.0		+3.2		−19.0	
b, b'	+0.13		− 0.34		−0.04		− 0.33		+0.07		− 0.33		−0.01		− 0.32	

Tag	415) *i* Velorum AR.	Diff.	415) Dekl.	Diff.	416) β Ursae maj. AR.	Diff.	416) Dekl.	Diff.
1936	10h 57m		−41° 52′		10h 57m		+56° 42′	
Jan. 1	14.415	355	51.04	291	62.004	481	70.59	0
11	14.770	314	53.95	314	62.485	435	70.59	53
21	15.084	265	57.09	328	62.920	375	71.12	105
31	15.349	210	60.37	334	63.295	304	72.17	151
Feb. 10	15.559	155	63.71	330	63.599	226	73.68	189
20	15.714	98	67.01	320	63.825	144	75.57	219
März 1	15.812	43	70.21	302	63.969	60	77.76	237
10	15.855	6	73.23	279	64.029	18	80.13	245
20	15.849	50	76.02	252	64.011	88	82.58	243
30	15.799	87	78.54	220	63.923	151	85.01	230
Apr. 9	15.712	118	80.74	185	63.772	201	87.31	208
19	15.594	142	82.59	147	63.571	239	89.39	178
29	15.452	159	84.06	108	63.332	265	91.17	143
Mai 9	15.293	171	85.14	67	63.067	280	92.60	102
19	15.122	176	85.81	26	62.787	284	93.62	59
29	14.946	178	86.07	16	62.503	276	94.21	14
Juni 8	14.768	173	85.91	55	62.227	262	94.35	31
18	14.595	164	85.36	94	61.965	240	94.04	75
28	14.431	150	84.42	130	61.725	211	93.29	117
Juli 8	14.281	132	83.12	162	61.514	177	92.12	157
18	14.149	109	81.50	188	61.337	138	90.55	193
28	14.040	79	79.62	209	61.199	97	88.62	226
Aug. 7	13.961	47	77.53	222	61.102	50	86.36	254
17	13.914	8	75.31	228	61.052	2	83.82	278
27	13.906	35	73.03	225	61.050	51	81.04	296
Sept. 6	13.941	82	70.78	212	61.101	106	78.08	311
16	14.023	132	68.66	190	61.207	162	74.97	318
26	14.155	182	66.76	160	61.369	221	71.79	320
Okt. 6	14.337	234	65.16	121	61.590	279	68.59	316
16	14.571	282	63.95	75	61.869	337	65.43	304
26	14.853	326	63.20	24	62.206	390	62.39	286
Nov. 5	15.179	361	62.96	29	62.596	438	59.53	259
15	15.540	389	63.25	85	63.034	477	56.94	226
25	15.929	403	64.10	139	63.511	504	54.68	185
Dez. 5	16.332	406	65.49	188	64.015	518	52.83	139
15	16.738	395	67.37	233	64.533	516	51.44	87
25	17.133	372	69.70	270	65.049	496	50.57	33
35	17.505		72.40		65.545		50.24	
Mittl. Ort	12.814		56.33		59.596		93.02	
sec δ, tg δ	1.343		−0.897		1.823		+1.524	
a, *a*′	+2.7		−19.3		+3.6		−19.3	
b, *b*′	+0.06		− 0.27		−0.10		− 0.27	

Tag	417) α Ursae maj. AR.	Diff.	417) Dekl.	Diff.	418) χ Leonis AR.	Diff.	418) Dekl.	Diff.
1936	10h 59m		+62° 5′		11h 1m		+7° 40′	
Jan. 1	50.36	54	25.40	17	44.649	307	46.67	186
11	50.90	49	25.57	73	44.956	278	44.81	165
21	51.39	43	26.30	126	45.234	240	43.16	140
31	51.82	35	27.56	172	45.474	198	41.76	112
Feb. 10	52.17	25	29.28	210	45.672	151	40.64	82
20	52.42	16	31.38	239	45.823	105	39.82	55
März 1	52.58	7	33.77	257	45.928	59	39.27	28
10	52.65	3	36.34	263	45.987	17	38.99	4
20	52.62	11	38.97	258	46.004	20	38.95	17
30	52.51	19	41.55	242	45.984	50	39.12	32
Apr. 9	52.32	25	43.97	218	45.934	74	39.44	45
19	52.07	29	46.15	185	45.860	91	39.89	54
29	51.78	32	48.00	145	45.769	104	40.43	60
Mai 9	51.46	35	49.45	101	45.665	109	41.03	62
19	51.11	35	50.46	55	45.556	110	41.65	62
29	50.76	34	51.01	6	45.446	107	42.27	60
Juni 8	50.42	33	51.07	42	45.339	101	42.87	57
18	50.09	30	50.65	88	45.238	92	43.44	51
28	49.79	27	49.77	134	45.146	80	43.95	45
Juli 8	49.52	23	48.43	175	45.066	65	44.40	36
18	49.29	18	46.68	213	45.001	49	44.76	25
28	49.11	13	44.55	247	44.952	30	45.01	13
Aug. 7	48.98	7	42.08	275	44.922	7	45.14	1
17	48.91	2	39.33	299	44.915	17	45.13	17
27	48.89	4	36.34	317	44.932	45	44.96	36
Sept. 6	48.93	11	33.17	329	44.977	76	44.60	57
16	49.04	18	29.88	335	45.053	110	44.03	80
26	49.22	24	26.53	336	45.163	145	43.23	103
Okt. 6	49.46	31	23.17	328	45.308	183	42.20	127
16	49.77	38	19.89	313	45.491	219	40.93	150
26	50.15	44	16.76	291	45.710	253	39.43	172
Nov. 5	50.59	49	13.85	261	45.963	284	37.71	189
15	51.08	54	11.24	224	46.247	309	35.82	203
25	51.62	57	9.00	179	46.556	326	33.79	210
Dez. 5	52.19	59	7.21	129	46.882	333	31.69	212
15	52.78	59	5.92	75	47.215	331	29.57	207
25	53.37	56	5.17	17	47.546	317	27.50	195
35	53.93		5.00		47.863		25.55	
Mittl. Ort	47.71		48.70		43.029		56.69	
sec δ, tg δ	2.137		+1.888		1.009		+0.135	
a, *a*′	+3.7		−19.4		+3.1		−19.4	
b, *b*′	−0.12		− 0.26		−0.01		− 0.25	

Tag	420) ψ Ursae maj. AR.		Dekl.		421) β Crateris AR.		Dekl.		422) δ Leonis AR.		Dekl.		423) ϑ Leonis AR.		Dekl.	
1936	11h 6m		+44° 50′		11h 8m		−22° 28′		11h 10m		+20° 51′		11h 10m		+15° 46′	
Jan. 1	6.415	398	25.21	54	31.967	319	34.00	262	44.128	327	74.29	145	54.645	319	34.08	163
11	6.813	362	24.67	4	32.286	287	36.62	269	44.455	299	72.84	113	54.964	291	32.45	134
21	7.175	317	24.63	44	32.573	248	39.31	269	44.754	261	71.71	77	55.255	255	31.11	102
31	7.492	260	25.07	89	32.821	204	42.00	262	45.015	217	70.94	42	55.510	211	30.09	70
Feb. 10	7.752	199	25.96	129	33.025	156	44.62	248	45.232	169	70.52	6	55.721	165	29.39	36
20	7.951	134	27.25	160	33.181	109	47.10	231	45.401	120	70.46	25	55.886	117	29.03	6
März 1	9 8.085	71	28.85	185	9 33.290	63	49.41	209	10 45.521	71	70.71	52	10 56.003	70	28.97	22
10	8.156	9	30.70	199	33.353	21	51.50	184	45.592	25	71.23	75	56.073	27	29.19	45
20	8.165	46	32.69	205	33.374	17	53.34	157	45.617	14	71.98	91	56.100	13	29.64	63
30	8.119	92	34.74	200	33.357	47	54.91	130	45.603	49	72.89	101	56.087	45	30.27	75
Apr. 9	8.027	132	36.74	187	33.310	74	56.21	101	45.554	77	73.90	105	56.042	72	31.02	84
19	7.895	161	38.61	168	33.236	93	57.22	73	45.477	96	74.95	105	55.970	91	31.86	87
29	7.734	180	40.29	142	33.143	107	57.95	45	45.381	111	76.00	99	55.879	104	32.73	85
Mai 9	7.554	192	41.71	110	33.036	116	58.40	17	45.270	119	76.99	90	55.775	113	33.58	81
19	7.362	196	42.81	77	32.920	120	58.57	11	45.151	121	77.89	77	55.662	114	34.39	73
29	7.166	192	43.58	40	32.800	121	58.46	37	45.030	119	78.66	62	55.548	113	35.12	63
Juni 8	6.974	182	43.98	3	32.679	117	58.09	62	44.911	114	79.28	45	55.435	108	35.75	51
18	6.792	167	44.01	34	32.562	111	57.47	85	44.797	104	79.73	27	55.327	99	36.26	38
28	6.625	148	43.67	71	32.451	101	56.62	105	44.693	92	80.00	9	55.228	87	36.64	24
Juli 8	6.477	124	42.96	105	32.350	88	55.57	122	44.601	77	80.09	12	55.141	74	36.88	7
18	6.353	98	41.91	139	32.262	71	54.35	136	44.524	60	79.97	31	55.067	57	36.95	9
28	6.255	69	40.52	170	32.191	52	52.99	144	44.464	40	79.66	52	55.010	38	36.86	26
Aug. 7	6.186	35	38.82	198	32.139	27	51.55	147	44.424	17	79.14	73	54.972	16	36.60	45
17	6.151	0	36.84	222	32.112	0	50.08	144	44.407	8	78.41	94	54.956	8	36.15	64
27	6.151	40	34.62	244	32.112	33	48.64	135	44.415	38	77.47	114	54.964	37	35.51	85
Sept. 6	6.191	81	32.18	262	32.145	67	47.29	119	44.453	69	76.33	136	55.001	68	34.66	106
16	6.272	126	29.56	276	32.212	107	46.10	95	44.522	104	74.97	157	55.069	103	33.60	127
26	6.398	172	26.80	284	32.319	147	45.15	68	44.626	142	73.40	176	55.172	139	32.33	149
Okt. 6	6.570	220	23.96	289	32.466	188	44.47	32	44.768	180	71.64	194	55.311	176	30.84	169
16	6.790	267	21.07	285	32.654	230	44.15	7	44.948	218	69.70	208	55.487	215	29.15	187
26	7.057	312	18.22	278	32.884	268	44.22	47	45.166	256	67.62	219	55.702	251	27.28	202
Nov. 5	7.369	353	15.44	261	33.152	300	44.69	90	45.422	290	65.43	226	55.953	284	25.26	213
15	7.722	386	12.83	239	33.452	327	45.59	132	45.712	317	63.17	226	56.237	311	23.13	218
25	8.108	410	10.44	208	33.779	343	46.91	170	46.029	337	60.91	219	56.548	330	20.95	218
Dez. 5	8.518	424	8.36	172	34.122	350	48.61	204	46.366	348	58.72	207	56.878	341	18.77	210
15	8.942	423	6.64	129	34.472	346	50.65	230	46.714	347	56.65	188	57.219	340	16.67	197
25	9.365	410	5.35	82	34.818	331	52.95	251	47.061	336	54.77	161	57.559	328	14.70	176
35	9.775		4.53		35.149		55.46		47.397		53.16		57.887		12.94	
Mittl. Ort	4.432		45.74		30.463		33.73		42.481		88.64		53.033		46.87	
sec δ, tg δ	1.410		+0.995		1.082		−0.414		1.070		+0.381		1.039		+0.283	
a, *a′*	+3.4		−19.5		+2.9		−19.5		+3.2		−19.6		+3.2		−19.6	
b, *b′*	−0.06		− 0.23		+0.03		− 0.22		−0.02		− 0.21		−0.02		− 0.21	

Tag	425) ν Ursae maj. AR.		Dekl.		426) δ Crateris AR.		Dekl.		427) σ Leonis AR.		Dekl.		428) π Centauri AR.		Dekl.	
1936	11h 15m		+33° 25′		11h 16m		−14° 25′		11h 17m		+6° 22′		11h 18m		−54° 8′	
Jan. 1	3.391	357	79.43	103	9.813	315	58.02	244	51.763	314	39.45	194	6.417	439	15.84	273
11	3.748	327	78.40	61	10.128	286	60.46	244	52.077	287	37.51	174	6.856	394	18.57	309
21	4.075	287	77.79	17	10.414	249	62.90	237	52.364	252	35.77	149	7.250	338	21.66	335
31	4.362	240	77.62	25	10.663	207	65.27	225	52.616	211	34.28	121	7.588	275	25.01	351
Feb. 10	4.602	188	77.87	64	10.870	162	67.52	207	52.827	166	33.07	93	7.863	209	28.52	359
20	4.790	133	78.51	98	11.032	117	69.59	186	52.993	121	32.14	64	8.072	142	32.11	357
März 1	4.923	78	79.49	126	11.149	72	71.45	163	53.114	76	31.50	37	8.214	77	35.68	348
11	5.001	26	80.75	145	11.221	31	73.08	137	53.190	34	31.13	11	8.291	15	39.16	331
20	[11] 5.027	19	82.20	156	[11] 11.252	6	74.45	112	[12] 53.224	4	31.02	9	[12] 8.306	42	42.47	309
30	5.008	60	83.76	161	11.246	36	75.57	87	53.220	34	31.11	28	8.264	91	45.56	280
Apr. 9	4.948	92	85.37	157	11.210	62	76.44	63	53.186	60	31.39	42	8.173	134	48.36	246
19	4.856	116	86.94	147	11.148	81	77.07	38	53.126	80	31.81	52	8.039	170	50.82	208
29	4.740	135	88.41	131	11.067	95	77.45	16	53.046	93	32.33	59	7.869	199	52.90	167
Mai 9	4.605	144	89.72	110	10.972	104	77.61	6	52.953	102	32.92	62	7.670	221	54.57	124
19	4.461	149	90.82	86	10.868	109	77.55	26	52.851	105	33.54	64	7.449	236	55.81	77
29	4.312	147	91.68	60	10.759	109	77.29	45	52.746	105	34.18	63	7.213	245	56.58	30
Juni 8	4.165	141	92.28	31	10.650	107	76.84	63	52.641	102	34.81	60	6.968	248	56.88	17
18	4.024	130	92.59	2	10.543	102	76.21	78	52.539	95	35.41	56	6.720	243	56.71	63
28	3.894	117	92.61	27	10.441	93	75.43	91	52.444	85	35.97	49	6.477	231	56.08	108
Juli 8	3.777	99	92.34	57	10.348	81	74.52	102	52.359	74	36.46	41	6.246	212	55.00	149
18	3.678	80	91.77	85	10.267	66	73.50	109	52.285	59	36.87	32	6.034	186	53.51	186
28	3.598	57	90.92	112	10.201	50	72.41	111	52.226	42	37.19	20	5.848	153	51.65	216
Aug. 7	3.541	31	89.80	138	10.151	27	71.30	110	52.184	21	37.39	5	5.695	111	49.49	240
17	3.510	1	88.42	162	10.124	2	70.20	104	52.163	2	37.44	10	5.584	63	47.09	255
27	3.509	30	86.80	185	10.122	27	69.16	92	52.165	29	37.34	29	5.521	7	44.54	261
Sept. 6	3.539	65	84.95	205	10.149	60	68.24	75	52.194	60	37.05	50	5.514	53	41.93	258
16	3.604	105	82.90	224	10.209	97	67.49	52	52.254	94	36.55	72	5.567	119	39.35	242
26	3.709	145	80.66	239	10.306	134	66.97	24	52.348	129	35.83	96	5.686	187	36.93	219
Okt. 6	3.854	187	78.27	250	10.440	176	66.73	8	52.477	168	34.87	121	5.873	254	34.74	184
16	4.041	230	75.77	257	10.616	214	66.81	42	52.645	206	33.66	145	6.127	317	32.90	140
26	4.271	270	73.20	258	10.830	252	67.23	79	52.851	243	32.21	168	6.444	376	31.50	89
Nov. 5	4.541	308	70.62	253	11.082	286	68.02	115	53.094	275	30.53	187	6.820	424	30.61	33
15	4.849	339	68.09	241	11.368	311	69.17	150	53.369	303	28.66	202	7.244	461	30.28	26
25	5.188	362	65.68	222	11.679	331	70.67	180	53.672	322	26.64	212	7.705	484	30.54	86
Dez. 5	5.550	374	63.46	197	12.010	339	72.47	206	53.994	333	24.52	215	8.189	492	31.40	144
15	5.924	377	61.49	164	12.349	338	74.53	226	54.327	333	22.37	211	8.681	483	32.84	197
25	6.301	366	59.85	127	12.687	324	76.79	238	54.660	322	20.26	201	9.164	459	34.81	246
35	6.667		58.58		13.011		79.17		54.982		18.25		9.623		37.27	
Mittl. Ort	1.659		97.49		8.341		55.13		50.242		49.33		4.863		24.27	
sec δ, tg δ	1.198		+0.660		1.033		−0.257		1.006		+0.112		1.707		−1.383	
a, a′	+3.2		−19.7		+3.0		−19.7		+3.1		−19.7		+2.7		−19.7	
b, b′	−0.04		−0.19		+0.02		−0.19		−0.01		−0.18		+0.09		−0.18	

Tag	429) Grb 1771 AR.	Δ	429) Grb 1771 Dekl.	Δ	433) λ Draconis AR.	Δ	433) λ Draconis Dekl.	Δ
1936	11h 19m		+64° 40′		11h 27m		+69° 40′	
Jan. 1	6.67 s	60	27.37″	2	40.30 s	72	38.81″	8
11	7.27	55	27.39	62	41.02	67	38.89	68
21	7.82	49	28.01	117	41.69	59	39.57	127
31	8.31	41	29.18	168	42.28	50	40.84	178
Feb. 10	8.72	31	30.86	210	42.78	38	42.62	222
20	9.03	21	32.96	243	43.16	27	44.84	256
März 1	9.24	10	35.39	264	43.43	14	47.40	278
11	9.34	1	38.03	274	43.57	1	50.18	287
20	[12] 9.35	9	40.77	273	[14] 43.58	10	53.05	287
30	9.26	17	43.50	260	43.48	21	55.92	273
Apr. 9	9.09	25	46.10	237	43.27	30	58.65	249
19	8.84	30	48.47	206	42.97	38	61.14	216
29	8.54	35	50.53	167	42.59	43	63.30	175
Mai 9	8.19	37	52.20	123	42.16	48	65.05	130
19	7.82	39	53.43	75	41.68	50	66.35	80
29	7.43	39	54.18	26	41.18	50	67.15	28
Juni 8	7.04	38	54.44	24	40.68	50	67.43	25
18	6.66	36	54.20	74	40.18	48	67.18	77
28	6.30	33	53.46	121	39.70	44	66.41	126
Juli 8	5.97	28	52.25	166	39.26	39	65.15	173
18	5.69	24	50.59	207	38.87	34	63.42	217
28	5.45	19	48.52	244	38.53	28	61.25	254
Aug. 7	5.26	14	46.08	276	38.25	20	58.71	288
17	5.12	7	43.32	302	38.05	13	55.83	316
27	5.05	1	40.30	324	37.92	5	52.67	337
Sept. 6	5.04	7	37.06	338	37.87	3	49.30	352
16	5.11	14	33.68	348	37.90	14	45.78	362
26	5.25	21	30.20	349	38.04	22	42.16	362
Okt. 6	5.46	29	26.71	344	38.26	32	38.54	356
16	5.75	37	23.27	331	38.58	40	34.98	342
26	6.12	43	19.96	311	38.98	50	31.56	318
Nov. 5	6.55	50	16.85	279	39.48	58	28.38	288
15	7.05	56	14.06	244	40.06	65	25.50	249
25	7.61	60	11.62	199	40.71	70	23.01	203
Dez. 5	8.21	62	9.63	149	41.41	74	20.98	149
15	8.83	63	8.14	92	42.15	74	19.49	90
25	9.46	62	7.22	33	42.89	74	18.59	30
35	10.08		6.89		43.63		18.29	
Mittl. Ort	4.19		51.81		37.66		64.12	
sec δ, tg δ	2.338		+2.114		2.880		+2.701	
a, *a′*	+3.6		−19.7		+3.6		−19.8	
b, *b′*	−0.14		−0.18		−0.18		−0.14	

Tag	434) ξ Hydrae AR.	Δ	434) ξ Hydrae Dekl.	Δ	436) λ Centauri AR.	Δ	436) λ Centauri Dekl.	Δ
1936	11h 29m		−31° 30′		11h 32m		−62° 39′	
Jan. 1	52.366 s	347	9.45″	260	50.65 s	55	45.87″	252
11	52.713	317	12.05	279	51.20	50	48.39	293
21	53.030	278	14.84	288	51.70	43	51.32	327
31	53.308	233	17.72	289	52.13	35	54.59	352
Feb. 10	53.541	186	20.61	285	52.48	28	58.11	367
20	53.727	137	23.46	272	52.76	19	61.78	372
März 1	53.864	88	26.18	256	52.95	12	65.50	369
11	53.952	44	28.74	234	53.07	4	69.19	359
20	[15] 53.996	3	31.08	209	[15] 53.11	3	72.78	341
30	53.999	32	33.17	181	53.08	10	76.19	316
Apr. 9	53.967	61	34.98	153	52.98	16	79.35	285
19	53.906	86	36.51	121	52.82	21	82.20	249
29	53.820	105	37.72	89	52.61	25	84.69	208
Mai 9	53.715	119	38.61	57	52.36	29	86.77	164
19	53.596	128	39.18	24	52.07	31	88.41	117
29	53.468	134	39.42	9	51.76	33	89.58	67
Juni 8	53.334	135	39.33	41	51.43	34	90.25	17
18	53.199	133	38.92	72	51.09	34	90.42	34
28	53.066	126	38.20	99	50.75	33	90.08	83
Juli 8	52.940	116	37.21	125	50.42	31	89.25	131
18	52.824	102	35.96	146	50.11	28	87.94	173
28	52.722	83	34.50	163	49.83	24	86.21	210
Aug. 7	52.639	58	32.87	174	49.59	19	84.11	241
17	52.581	30	31.13	178	49.40	12	81.70	264
27	52.551	5	29.35	175	49.28	6	79.06	277
Sept. 6	52.556	44	27.60	165	49.22	2	76.29	280
16	52.600	86	25.95	146	49.24	11	73.49	272
26	52.686	132	24.49	120	49.35	20	70.77	252
Okt. 6	52.818	179	23.29	87	49.55	28	68.25	223
16	52.997	225	22.42	48	49.83	36	66.02	182
26	53.222	270	21.94	5	50.19	44	64.20	134
Nov. 5	53.492	307	21.89	42	50.63	51	62.86	79
15	53.799	339	22.31	89	51.14	55	62.07	18
25	54.138	361	23.20	135	51.69	59	61.89	44
Dez. 5	54.499	372	24.55	177	52.28	60	62.33	105
15	54.871	370	26.32	213	52.88	60	63.38	165
25	55.241	358	28.45	244	53.48	57	65.03	219
35	55.599		30.89		54.05		67.22	
Mittl. Ort	50.972		12.00		49.120		56.16	
sec δ, tg δ	1.173		−0.613		2.178		−1.934	
a, *a′*	+3.0		−19.9		+2.8		−19.9	
b, *b′*	+0.04		−0.13		+0.13		−0.12	

Tag	437) υ Leonis AR.		437) υ Leonis Dekl.		440) 3 Draconis AR.		440) 3 Draconis Dekl.		441) χ Ursae maj. AR.		441) χ Ursae maj. Dekl.		444) β Leonis[1]) AR.		444) β Leonis[1]) Dekl.	
1936	11h 33m		−0° 28′		11h 38m		+67° 5′		11h 42m		+48° 7′		11h 45m		+14° 55′	
	s		″		s		″		s		″		s		″	
Jan. 1	41.710	318	20.93	212	57.51	66	32.08	15	42.412	431	41.00	80	49.205	329	34.42	178
11	42.028	293	23.05	200	58.17	61	31.93	47	42.843	402	40.20	25	49.534	307	32.64	151
21	42.321	261	25.05	181	58.78	55	32.40	106	43.245	363	39.95	29	49.841	276	31.13	118
31	42.582	222	26.86	159	59.33	48	33.46	159	43.608	312	40.24	79	50.117	238	29.95	83
Feb. 10	42.804	179	28.45	133	59.81	37	35.05	206	43.920	252	41.03	126	50.355	195	29.12	50
20	42.983	135	29.78	106	60.18	27	37.11	242	44.172	188	42.29	166	50.550	149	28.62	16
März 1	43.118	92	30.84	79	60.45	16	39.53	269	44.360	122	43.95	195	50.699	104	28.46	15
11	[16] 43.210	50	31.63	54	[17] 60.61	4	42.22	282	[18] 44.482	58	45.90	217	[19] 50.803	60	28.61	42
20	43.260	13	32.17	30	60.65	5	45.04	285	44.540	2	48.07	228	50.863	21	29.03	62
30	43.273	18	32.47	9	60.60	16	47.89	275	44.538	58	50.35	229	50.884	14	29.65	79
Apr. 9	43.255	45	32.56	9	60.44	24	50.64	256	44.480	103	52.64	220	50.870	43	30.44	90
19	43.210	65	32.47	24	60.20	31	53.20	225	44.377	142	54.84	203	50.827	66	31.34	95
29	43.145	81	32.23	36	59.89	36	55.45	189	44.235	172	56.87	178	50.761	84	32.29	96
Mai 9	43.064	91	31.87	47	59.53	41	57.34	145	44.063	192	58.65	148	50.677	97	33.25	93
19	42.973	98	31.40	53	59.12	43	58.79	97	43.871	205	60.13	113	50.580	105	34.18	86
29	42.875	101	30.87	59	58.69	44	59.76	47	43.666	211	61.26	74	50.475	109	35.04	76
Juni 8	42.774	100	30.28	63	58.25	44	60.23	4	43.455	209	62.00	34	50.366	110	35.80	64
18	42.674	97	29.65	64	57.81	42	60.19	56	43.246	202	62.34	8	50.256	106	36.44	50
28	42.577	90	29.01	64	57.39	39	59.63	106	43.044	190	62.26	48	50.150	101	36.94	36
Juli 8	42.487	81	28.37	62	57.00	36	58.57	153	42.854	172	61.78	89	50.049	92	37.30	18
18	42.406	69	27.75	57	56.64	32	57.04	197	42.682	151	60.89	127	49.957	80	37.48	1
28	42.337	54	27.18	50	56.32	26	55.07	237	42.531	124	59.62	164	49.877	66	37.49	17
Aug. 7	42.283	36	26.68	41	56.06	20	52.70	273	42.407	94	57.98	197	49.811	47	37.32	38
17	42.247	13	26.27	27	55.86	14	49.97	302	42.313	59	56.01	226	49.764	25	36.94	57
27	42.234	14	26.00	11	55.72	7	46.95	327	42.254	20	53.75	254	49.739	1	36.37	80
Sept. 6	42.248	43	25.89	9	55.65	1	43.68	344	42.234	24	51.21	276	49.740	31	35.57	102
16	42.291	78	25.98	31	55.66	9	40.24	356	42.258	70	48.45	295	49.771	65	34.55	124
26	42.369	115	26.29	56	55.75	17	36.68	361	42.328	121	45.50	306	49.836	102	33.31	147
Okt. 6	42.484	154	26.85	83	55.92	26	33.07	358	42.449	174	42.44	314	49.938	142	31.84	169
16	42.638	193	27.68	111	56.18	35	29.49	347	42.623	228	39.30	315	50.080	183	30.15	189
26	42.831	232	28.79	138	56.53	42	26.02	328	42.851	280	36.15	308	50.263	223	28.26	205
Nov. 5	43.063	266	30.17	162	56.95	51	22.74	300	43.131	330	33.07	294	50.486	260	26.21	219
15	43.329	296	31.79	186	57.46	57	19.74	264	43.461	372	30.13	271	50.746	293	24.02	226
25	43.625	318	33.65	202	58.03	62	17.10	220	43.833	407	27.42	242	51.039	317	21.76	228
Dez. 5	43.943	331	35.67	213	58.65	66	14.90	169	44.240	430	25.00	204	51.356	334	19.48	223
15	44.274	333	37.80	218	59.31	68	13.21	112	44.670	441	22.96	160	51.690	339	17.25	210
25	44.607	325	39.98	216	59.99	67	12.09	51	45.111	436	21.36	110	52.029	335	15.15	192
35	44.932		42.14		60.66		11.58		45.547		20.26		52.364		13.23	
Mittl. Ort	40.304		13.16		55.26		57.49		40.745		63.38		47.815		47.60	
sec δ, tg δ	1.000		−0.008		2.570		+2.367		1.498		+1.116		1.035		+0.267	
a, *a′*	+3.1		−19.9		+3.4		−20.0		+3.2		−20.0		+3.1		−20.0	
b, *b′*	0.00		− 0.11		−0.16		− 0.09		−0.07		− 0.08		−0.02		− 0.06	

[1]) Die jährliche Parallaxe (0.″101) ist bereits berücksichtigt.

Tag	445) β Virginis[1]) AR.	Δ	445) β Virginis[1]) Dekl.	Δ	447) γ Ursae maj. AR.	Δ	447) γ Ursae maj. Dekl.	Δ	450) ο Virginis AR.	Δ	450) ο Virginis Dekl.	Δ	452) δ Centauri AR.	Δ	452) δ Centauri Dekl.	Δ
1936	11h 47m		+2° 7′		11h 50m		+54° 2′		12h 1m		+9° 4′		12h 5m		−50° 21′	
Jan. 1	23ˢ.028	324	22″.57	208	30ˢ.094	477	38″.16	70	58ˢ.246	329	66″.51	196	3ˢ.133	451	49″.79	228
11	23.352	302	20.49	193	30.571	450	37.46	12	58.575	311	64.55	175	3.584	419	52.07	265
21	23.654	271	18.56	173	31.021	408	37.34	45	58.886	282	62.80	147	4.003	378	54.72	294
31	23.925	235	16.83	147	31.429	352	37.79	99	59.168	246	61.33	116	4.381	329	57.66	314
Feb. 10	24.160	192	15.36	121	31.781	288	38.78	148	59.414	207	60.17	85	4.710	273	60.80	327
20	24.352	149	14.15	91	32.069	218	40.26	188	59.621	164	59.32	52	4.983	215	64.07	331
März 1	24.501	106	13.24	64	32.287	143	42.14	219	59.785	120	58.80	22	5.198	157	67.38	327
11	19 24.607	64	12.60	38	20 32.430	71	44.33	241	59.905	79	58.58	5	5.355	101	70.65	318
20*)	24.671	28	12.22	14	32.501	1	46.74	250	23 59.984	40	58.63	30	5.456	47	73.83	301
30	24.699	6	12.08	7	32.502	62	49.24	251	60.024	6	58.93	48	23 5.503	1	76.84	279
Apr. 9	24.693	33	12.15	23	32.440	118	51.75	240	60.030	24	59.41	64	5.502	46	79.63	253
19	24.660	54	12.38	38	32.322	164	54.15	221	60.006	47	60.05	73	5.456	85	82.16	222
29	24.606	72	12.76	48	32.158	200	56.36	193	59.959	67	60.78	79	5.371	118	84.38	187
Mai 9	24.534	85	13.24	55	31.958	226	58.29	158	59.892	81	61.57	82	5.253	147	86.25	150
19	24.449	92	13.79	60	31.732	245	59.87	120	59.811	92	62.39	80	5.106	171	87.75	109
29	24.357	98	14.39	63	31.487	253	61.07	78	59.719	99	63.19	76	4.935	189	88.84	67
Juni 8	24.259	98	15.02	63	31.234	254	61.85	33	59.620	103	63.95	70	4.746	203	89.51	24
18	24.161	97	15.65	62	30.980	247	62.18	12	59.517	102	64.65	61	4.543	210	89.75	20
28	24.064	93	16.27	59	30.733	235	62.06	57	59.415	101	65.26	51	4.333	211	89.55	62
Juli 8	23.971	85	16.86	53	30.498	216	61.49	100	59.314	95	65.77	39	4.122	206	88.93	102
18	23.886	75	17.39	47	30.282	191	60.49	143	59.219	86	66.16	26	3.916	194	87.91	141
28	23.811	61	17.86	37	30.091	163	59.06	181	59.133	75	66.42	11	3.722	174	86.50	174
Aug. 7	23.750	44	18.23	25	29.928	129	57.25	218	59.058	58	66.53	6	3.548	146	84.76	201
17	23.706	22	18.48	11	29.799	87	55.07	248	59.000	39	66.47	24	3.402	109	82.75	222
27	23.684	3	18.59	5	29.712	44	52.59	277	58.961	14	66.23	44	3.293	64	80.53	235
Sept. 6	23.687	32	18.54	26	29.668	4	49.82	299	58.947	14	65.79	65	3.229	12	78.18	239
16	23.719	66	18.28	48	29.672	59	46.83	318	58.961	48	65.14	88	3.217	46	75.79	233
26	23.785	103	17.80	73	29.731	115	43.65	328	59.009	85	64.26	112	3.263	109	73.46	217
Okt. 6	23.888	143	17.07	98	29.846	175	40.37	335	59.094	125	63.14	136	3.372	175	71.29	192
16	24.031	183	16.09	124	30.021	235	37.02	332	59.219	166	61.78	159	3.547	241	69.37	158
26	24.214	223	14.85	150	30.256	295	33.70	324	59.385	208	60.19	181	3.788	302	67.79	114
Nov. 5	24.437	259	13.35	174	30.551	351	30.46	306	59.593	247	58.38	199	4.090	359	66.65	66
15	24.696	291	11.61	192	30.902	401	27.40	280	59.840	280	56.39	213	4.449	406	65.99	12
25	24.987	315	9.69	207	31.303	441	24.60	246	60.120	308	54.26	221	4.855	440	65.87	42
Dez. 5	25.302	330	7.62	217	31.744	469	22.14	205	60.428	326	52.05	222	5.295	462	66.29	98
15	25.632	335	5.45	218	32.213	484	20.09	157	60.754	335	49.83	218	5.757	468	67.27	151
25	25.967	329	3.27	213	32.697	483	18.52	102	61.089	333	47.65	205	6.225	460	68.78	198
35	26.296		1.14		33.180		17.50		61.422		45.60		6.685		70.76	
Mittl. Ort	21.689		31.42		28.424		61.90		56.984		77.87		1.923		57.68	
sec δ, tg δ	1.001		+0.037		1.703		+1.379		1.013		+0.160		1.568		−1.207	
a, *a′*	+3.1		−20.0		+3.1		−20.0		+3.1		−20.0		+3.1		−20.0	
b, *b′*	0.00		− 0.06		−0.09		− 0.04		−0.01		+ 0.01		+0.08		+ 0.02	

[1]) Die jährliche Parallaxe (0″.101) ist bereits berücksichtigt.
*) Bei Stern 450) und 452) lies März 21

Tag	453) ε Corvi				454) 4 H. Draconis				456) δ Ursae maj.				459) β Chamael.			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$12^{h}\ 6^{m}$		$-22°\ 15'$		$12^{h}\ 9^{m}$		$+77°\ 57'$		$12^{h}\ 12^{m}$		$+57°\ 22'$		$12^{h}\ 14^{m}$		$-78°\ 57'$	
	s		"		s		"		s		"		s		"	
Jan. 1	50.958	345	50.34	233	15.66	115	51.59	25	17.536	513	52.21	86	34.32	126	12.20	170
11	51.303	325	52.67	244	16.81	110	51.34	41	18.049	492	51.35	25	35.58	118	13.90	224
21	51.628	294	55.11	249	17.91	101	51.75	105	18.541	454	51.10	36	36.76	106	16.14	273
31	51.922	258	57.60	245	18.92	90	52.80	162	18.995	401	51.46	92	37.82	93	18.87	313
Feb. 10	52.180	217	60.05	235	19.82	74	54.42	214	19.396	337	52.38	145	38.75	77	22.00	344
20	52.397	173	62.40	222	20.56	57	56.56	254	19.733	265	53.83	191	39.52	60	25.44	364
März 1	52.570	130	64.62	204	21.13	37	59.10	285	19.998	187	55.74	225	40.12	44	29.10	380
11	52.700	88	66.66	182	21.50	17	61.95	304	20.185	109	57.99	252	40.56	25	32.90	385
21	52.788	49	68.48	160	21.67	3	64.99	308	20.294	32	60.51	264	40.81	9	36.75	381
30	[24] 52.837	15	70.08	136	[25] 21.64	23	68.07	301	[25] 20.326	38	63.15	268	[26] 40.90	9	40.56	369
Apr. 9	52.852	15	71.44	111	21.41	39	71.08	283	20.288	102	65.83	261	40.81	24	44.25	350
19	52.837	41	72.55	86	21.02	55	73.91	255	20.186	157	68.44	242	40.57	39	47.75	323
29	52.796	62	73.41	62	20.47	68	76.46	216	20.029	203	70.86	216	40.18	52	50.98	290
Mai 9	52.734	79	74.03	37	19.79	78	78.62	172	19.826	238	73.02	183	39.66	65	53.88	252
19	52.655	93	74.40	12	19.01	86	80.34	122	19.588	264	74.85	143	39.01	75	56.40	207
29	52.562	102	74.52	11	18.15	90	81.56	69	19.324	280	76.28	100	38.26	83	58.47	158
Juni 8	52.460	110	74.41	33	17.25	93	82.25	13	19.044	288	77.28	54	37.43	90	60.05	106
18	52.350	114	74.08	56	16.32	92	82.38	42	18.756	288	77.82	6	36.53	93	61.11	52
28	52.236	113	73.52	75	15.40	89	81.96	96	18.468	279	77.88	42	35.60	95	61.63	3
Juli 8	52.123	111	72.77	93	14.51	83	81.00	148	18.189	265	77.46	88	34.65	93	61.60	59
18	52.012	103	71.84	108	13.68	78	79.52	197	17.924	243	76.58	133	33.72	89	61.01	113
28	51.909	91	70.76	119	12.90	68	77.55	240	17.681	216	75.25	175	32.83	81	59.88	163
Aug. 7	51.818	75	69.57	126	12.22	58	75.15	281	17.465	181	73.50	215	32.02	70	58.25	207
17	51.743	53	68.31	128	11.64	46	72.34	314	17.284	141	71.35	250	31.32	57	56.18	245
27	51.690	25	67.03	124	11.18	33	69.20	341	17.143	96	68.85	281	30.75	41	53.73	275
Sept. 6	51.665	7	65.79	114	10.85	20	65.79	362	17.047	43	66.04	306	30.34	22	50.98	295
16	51.672	46	64.65	98	10.65	4	62.17	376	17.004	13	62.98	328	30.12	2	48.03	305
26	51.718	87	63.67	76	10.61	11	58.41	382	17.017	75	59.70	341	30.10	19	44.98	301
Okt. 6	51.805	133	62.91	48	10.72	27	54.59	380	17.092	141	56.29	349	30.29	41	41.97	287
16	51.938	178	62.43	16	10.99	43	50.79	370	17.233	208	52.80	350	30.70	62	39.10	260
26	52.116	223	62.27	21	11.42	59	47.09	350	17.441	276	49.30	341	31.32	82	36.50	223
Nov. 5	52.339	265	62.48	60	12.01	74	43.59	323	17.717	339	45.89	325	32.14	98	34.27	175
15	52.604	301	63.08	99	12.75	87	40.36	284	18.056	399	42.64	300	33.12	113	32.52	121
25	52.905	328	64.07	135	13.62	99	37.52	239	18.455	447	39.64	266	34.25	123	31.31	60
Dez. 5	53.233	347	65.42	170	14.61	108	35.13	186	18.902	485	36.98	224	35.48	129	30.71	4
15	53.580	354	67.12	198	15.69	113	33.27	127	19.387	508	34.74	175	36.77	131	30.75	68
25	53.934	351	69.10	220	16.82	116	32.00	63	19.895	515	32.99	120	38.08	129	31.43	132
35	54.285		71.30		17.98		31.37		20.410		31.79		39.37		32.75	
Mittl. Ort	49.768		49.91		13.45		78.58		16.107		76.93		33.03		25.01	
sec δ, tg δ	1.081		−0.409		4.799		+4.693		1.856		+1.563		5.221		−5.124	
a, *a'*	+3.1		−20.0		+2.8		−20.0		+3.0		−20.0		+3.5		−20.0	
b, *b'*	+0.03		+ 0.03		−0.31		+ 0.04		−0.10		+ 0.05		+0.34		+ 0.06	

Tag	460) η Virginis AR.		460) η Virginis Dekl.		462) α Crucis med. AR.		462) α Crucis med. Dekl.		466) 20 Comae AR.		466) 20 Comae Dekl.		465) δ Corvi AR.		465) δ Corvi Dekl.	
1936	$12^h\ 16^m$		$-0°\ 18'$		$12^h\ 23^m$		$-62°\ 44'$		$12^h\ 26^m$		$+21°\ 14'$		$12^h\ 26^m$		$-16°\ 9'$	
Jan. 1	39.006 s	330	48.79″	213	2.77 s	60	31.55″	190	31.608 s	346	45.27″	183	34.071 s	342	36.17″	222
11	39.336	313	50.92	201	3.37	56	33.45	237	31.954	332	43.44	149	34.413	325	38.39	227
21	39.649	287	52.93	182	3.93	52	35.82	277	32.286	308	41.95	110	34.738	300	40.66	227
31	39.936	255	54.75	161	4.45	45	38.59	310	32.594	275	40.85	70	35.038	267	42.93	218
Feb. 10	40.191	216	56.36	134	4.90	39	41.69	333	32.869	237	40.15	29	35.305	229	45.11	206
20	40.407	176	57.70	106	5.29	31	45.02	348	33.106	193	39.86	10	35.534	189	47.17	188
März 1	40.583	134	58.76	79	5.60	24	48.50	354	33.299	149	39.96	46	35.723	148	49.05	168
11	40.717	95	59.55	52	5.84	16	52.04	354	33.448	106	40.42	77	35.871	108	50.73	146
21	40.812	57	60.07	27	6.00	9	55.58	344	33.554	63	41.19	102	35.979	70	52.19	124
30	26 40.869	23	60.34	5	28 6.09	2	59.02	329	29 33.617	26	42.21	121	29 36.049	36	53.43	100
Apr. 9	40.892	6	60.39	14	6.11	5	62.31	307	33.643	8	43.42	132	36.085	7	54.43	78
19	40.886	30	60.25	29	6.06	10	65.38	279	33.635	37	44.74	137	36.092	21	55.21	56
29	40.856	51	59.96	41	5.96	16	68.17	247	33.598	61	46.11	136	36.071	42	55.77	35
Mai 9	40.805	67	59.55	51	5.80	21	70.64	208	33.537	80	47.47	129	36.029	61	56.12	15
19	40.738	80	59.04	58	5.59	24	72.72	167	33.457	95	48.76	118	35.968	76	56.27	3
29	40.658	89	58.46	62	5.35	28	74.39	121	33.362	106	49.94	104	35.892	89	56.24	21
Juni 8	40.569	95	57.84	64	5.07	31	75.60	75	33.256	114	50.98	85	35.803	98	56.03	38
18	40.474	99	57.20	65	4.76	33	76.35	25	33.142	117	51.83	65	35.705	104	55.65	53
28	40.375	100	56.55	63	4.43	33	76.60	25	33.025	118	52.48	42	35.601	108	55.12	67
Juli 8	40.275	97	55.92	60	4.10	33	76.35	73	32.907	116	52.90	19	35.493	107	54.45	79
18	40.178	92	55.32	54	3.77	32	75.62	120	32.791	109	53.09	5	35.386	104	53.66	88
28	40.086	82	54.78	47	3.45	30	74.42	162	32.682	100	53.04	30	35.282	96	52.78	94
Aug. 7	40.004	68	54.31	38	3.15	26	72.80	200	32.582	85	52.74	56	35.186	82	51.84	97
17	39.936	50	53.93	24	2.89	20	70.80	232	32.497	67	52.18	82	35.104	65	50.87	96
27	39.886	27	53.69	9	2.69	15	68.48	254	32.430	43	51.36	107	35.039	40	49.91	90
Sept. 6	39.859	1	53.60	10	2.54	8	65.94	269	32.387	15	50.29	133	34.999	10	49.01	79
16	39.860	35	53.70	31	2.46	1	63.25	272	32.372	20	48.96	158	34.989	25	48.22	63
26	39.895	71	54.01	55	2.47	10	60.53	265	32.392	57	47.38	181	35.014	65	47.59	42
Okt. 6	39.966	113	54.56	80	2.57	19	57.88	247	32.449	99	45.57	203	35.079	108	47.17	16
16	40.079	154	55.36	107	2.76	27	55.41	217	32.548	143	43.54	222	35.187	154	47.01	14
26	40.233	197	56.43	134	3.03	37	53.24	180	32.691	188	41.32	238	35.341	199	47.15	47
Nov. 5	40.430	237	57.77	159	3.40	45	51.44	132	32.879	232	38.94	248	35.540	241	47.62	80
15	40.667	273	59.36	181	3.85	51	50.12	79	33.111	270	36.46	253	35.781	280	48.42	115
25	40.940	302	61.17	198	4.36	57	49.33	21	33.381	303	33.93	251	36.061	310	49.57	145
Dez. 5	41.242	321	63.15	211	4.93	60	49.12	40	33.684	328	31.42	241	36.371	332	51.02	174
15	41.563	333	65.26	216	5.53	62	49.52	98	34.012	343	29.01	224	36.703	344	52.76	197
25	41.896	332	67.42	215	6.15	60	50.50	155	34.355	347	26.77	199	37.047	344	54.73	213
35	42.228		69.57		6.75		52.05		34.702		24.78		37.391		56.86	
Mittl. Ort	37.849		40.64		1.68		42.13		30.484		60.88		32.986		33.59	
sec δ, tg δ	1.000		−0.005		2.184		−1.941		1.073		+0.389		1.041		−0.290	
a, *a′*	+3.1		−20.0		+3.3		−19.9		+3.0		−19.9		+3.1		−19.9	
b, *b′*	0.00		+ 0.07		+0.13		+ 0.10		−0.03		+ 0.12		+0.02		+ 0.12	

Scheinbare Sternörter 1936

Tag	470) 8 Canum ven.[1] AR.		Dekl.		472) κ Draconis AR.		Dekl.		471) β Corvi AR.		Dekl.		473) 24 Comae seq. AR.		Dekl.	
1936	12h 30m		+41° 41′		12h 30m		+70° 7′		12h 31m		−23° 2′		12h 31m		+18° 43′	
Jan. 1	43.630	401	55.98	143	46.98	75	60.13	74	2.277	354	35.29	219	56.356	344	30.04	190
11	44.031	387	54.55	91	47.73	72	59.39	10	2.631	338	37.48	233	56.700	330	28.14	158
21	44.418	360	53.64	37	48.45	69	59.29	56	2.969	311	39.81	239	57.030	306	26.56	121
31	44.778	324	53.27	17	49.14	61	59.85	117	3.280	279	42.20	238	57.336	276	25.35	83
Feb. 10	45.102	278	53.44	68	49.75	53	61.02	172	3.559	240	44.58	231	57.612	238	24.52	43
20	45.380	226	54.12	114	50.28	42	62.74	221	3.799	199	46.89	218	57.850	196	24.09	4
März 1	45.606	172	55.26	154	50.70	30	64.95	258	3.998	157	49.07	204	58.046	153	24.05	31
11	45.778	116	56.80	186	51.00	19	67.53	284	4.155	116	51.11	185	58.199	110	24.36	63
21	45.894	62	58.66	208	51.19	6	70.37	298	4.271	78	52.96	163	58.309	70	24.99	87
30	45.956	12	60.74	220	51.25	4	73.35	300	4.349	42	54.59	140	58.379	32	25.86	108
Apr. 9	45.968	33	62.94	224	51.21	17	76.35	290	4.391	11	55.99	117	58.411	1	26.94	121
19	45.935	71	65.18	218	51.04	26	79.25	270	4.402	17	57.16	94	58.410	29	28.15	127
29	45.864	105	67.36	204	50.78	34	81.95	240	4.385	40	58.10	70	58.381	54	29.42	129
Mai 9	45.759	131	69.40	182	50.44	42	84.35	202	4.345	61	58.80	47	58.327	73	30.71	124
19	45.628	152	71.22	155	50.02	46	86.37	158	4.284	79	59.27	23	58.254	88	31.95	115
29	45.476	166	72.77	124	49.56	50	87.95	109	4.205	92	59.50	1	58.166	100	33.10	103
Juni 8	45.310	176	74.01	88	49.06	52	89.04	58	4.113	103	59.51	22	58.066	108	34.13	87
18	45.134	181	74.89	51	48.54	54	89.62	4	4.010	111	59.29	43	57.958	114	35.00	69
28	44.953	179	75.40	12	48.00	52	89.66	49	3.899	117	58.86	63	57.844	115	35.69	48
Juli 8	44.774	174	75.52	28	47.48	50	89.17	101	3.782	116	58.23	82	57.729	113	36.17	27
18	44.600	165	75.24	67	46.98	48	88.16	150	3.666	114	57.41	97	57.616	109	36.44	5
28	44.435	150	74.57	104	46.50	43	86.66	198	3.552	106	56.44	110	57.507	101	36.49	19
Aug. 7	44.285	130	73.53	141	46.07	38	84.68	239	3.446	93	55.34	119	57.406	87	36.30	43
17	44.155	107	72.12	176	45.69	32	82.29	278	3.353	73	54.15	122	57.319	70	35.87	67
27	44.048	76	70.36	207	45.37	24	79.51	311	3.280	48	52.93	122	57.249	46	35.20	93
Sept. 6	43.972	41	68.29	236	45.13	17	76.40	338	3.232	17	51.71	115	57.203	19	34.27	117
16	43.931	1	65.93	262	44.96	7	73.02	357	3.215	20	50.56	102	57.184	14	33.10	143
26	43.932	46	63.31	283	44.89	2	69.45	372	3.235	63	49.54	83	57.198	52	31.67	167
Okt. 6	43.978	95	60.48	300	44.91	12	65.73	377	3.298	108	48.71	57	57.250	93	30.00	189
16	44.073	148	57.48	309	45.03	23	61.96	375	3.406	155	48.14	28	57.343	137	28.11	210
26	44.221	201	54.39	314	45.26	33	58.21	363	3.561	204	47.86	7	57.480	182	26.01	226
Nov. 5	44.422	252	51.25	310	45.59	43	54.58	343	3.765	248	47.93	44	57.662	226	23.75	240
15	44.674	299	48.15	298	46.02	52	51.15	313	4.013	288	48.37	81	57.888	264	21.35	246
25	44.973	341	45.17	279	46.54	61	48.02	274	4.301	320	49.18	118	58.152	298	18.89	247
Dez. 5	45.314	371	42.38	250	47.15	68	45.28	228	4.621	343	50.36	153	58.450	323	16.42	240
15	45.685	392	39.88	214	47.83	72	43.00	172	4.964	355	51.89	182	58.773	338	14.02	226
25	46.077	400	37.74	170	48.55	74	41.28	112	5.319	356	53.71	206	59.111	343	11.76	205
35	46.477		36.04		49.29		40.16		5.675		55.77		59.454		9.71	
Mittl. Ort	42.497		77.57		45.73		86.76		1.222		35.07		55.274		44.85	
sec δ, tg δ	1.339		+0.891		2.944		+2.769		1.087		−0.425		1.056		+0.339	
a, a′	+2.9		−19.9		+2.6		−19.9		+3.1		−19.9		+3.0		−19.8	
b, b′	−0.06		+ 0.13		−0.18		+ 0.13		+0.03		+ 0.13		−0.02		+ 0.14	

[1]) Die jährliche Parallaxe (0.″107) ist bereits berücksichtigt.

Tag	474) α Muscae AR.	Δ	Dekl.	Δ	476) γ Centauri AR.	Δ	Dekl.	Δ	478) 76 Ursae maj. AR.	Δ	Dekl.	Δ	481) β Crucis AR.	Δ	Dekl.	Δ
1936	$12^h 33^m$		−68° 46′		$12^h 37^m$		−48° 36′		$12^h 38^m$		+63° 3′		$12^h 43^m$		−59° 20′	
Jan. 1	21.78	74	48.45	165	59.549	454	23.60	193	47.71	59	25.27	102	58.889	562	11.49	168
11	22.52	70	50.10	216	60.003	434	25.53	231	48.30	57	24.25	40	59.451	537	13.17	215
21	23.22	65	52.26	262	60.437	401	27.84	262	48.87	55	23.85	26	59.988	499	15.32	256
31	23.87	57	54.88	298	60.838	359	30.46	285	49.42	49	24.11	85	60.487	450	17.88	287
Feb. 10	24.44	49	57.86	328	61.197	312	33.31	300	49.91	42	24.96	143	60.937	392	20.75	312
20	24.93	41	61.14	349	61.509	259	36.31	309	50.33	35	26.39	193	61.329	328	23.87	327
März 1	25.34	31	64.63	360	61.768	206	39.40	309	50.68	26	28.32	233	61.657	262	27.14	336
11	25.65	23	68.23	364	61.974	153	42.49	303	50.94	17	30.65	264	61.919	196	30.50	337
21	25.88	12	71.87	359	62.127	102	45.52	291	51.11	8	33.29	282	62.115	131	33.87	330
31	26.00	4	75.46	349	62.229	54	48.43	274	51.19	1	36.11	289	62.246	68	37.17	318
Apr. 9	26.04	4	78.95	329	62.283	9	51.17	252	51.18	9	39.00	284	62.314	9	40.35	299
19	26.00	12	82.24	304	62.292	31	53.69	226	51.09	16	41.84	269	62.323	46	43.34	274
29	25.88	19	85.28	274	62.261	68	55.95	197	50.93	22	44.53	244	62.277	96	46.08	244
Mai 9	25.69	26	88.02	237	62.193	101	57.92	163	50.71	27	46.97	211	62.181	143	48.52	211
19	25.43	31	90.39	195	62.092	130	59.55	128	50.44	31	49.08	171	62.038	183	50.63	172
29	25.12	37	92.34	151	61.962	154	60.83	89	50.13	35	50.79	127	61.855	219	52.35	131
Juni 8	24.75	41	93.85	102	61.808	174	61.72	50	49.78	36	52.06	79	61.636	249	53.66	86
18	24.34	43	94.87	51	61.634	189	62.22	9	49.42	37	52.85	28	61.387	271	54.52	40
28	23.91	44	95.38	1	61.445	199	62.31	32	49.05	37	53.13	22	61.116	285	54.92	7
Juli 8	23.47	45	95.37	53	61.246	202	61.99	72	48.68	36	52.91	73	60.831	291	54.85	53
18	23.02	44	94.84	102	61.044	199	61.27	109	48.32	34	52.18	122	60.540	287	54.32	99
28	22.58	41	93.82	150	60.845	187	60.18	143	47.98	32	50.96	168	60.253	272	53.33	141
Aug. 7	22.17	36	92.32	192	60.658	167	58.75	174	47.66	27	49.28	211	59.981	246	51.92	179
17	21.81	31	90.40	229	60.491	138	57.01	197	47.39	24	47.17	251	59.735	207	50.13	212
27	21.50	22	88.11	257	60.353	100	55.04	214	47.15	18	44.66	285	59.528	157	48.01	236
Sept. 6	21.28	13	85.54	276	60.253	54	52.90	224	46.97	13	41.81	314	59.371	96	45.65	252
16	21.15	3	82.78	285	60.199	0	50.66	223	46.84	6	38.67	339	59.275	25	43.13	259
26	21.12	8	79.93	283	60.199	60	48.43	213	46.78	1	35.28	356	59.250	53	40.54	255
Okt. 6	21.20	19	77.10	269	60.259	125	46.30	195	46.79	9	31.72	365	59.303	137	37.99	241
16	21.39	32	74.41	245	60.384	191	44.35	167	46.88	17	28.07	368	59.440	222	35.58	216
26	21.71	42	71.96	208	60.575	256	42.68	130	47.05	25	24.39	362	59.662	306	33.42	182
Nov. 5	22.13	53	69.88	164	60.831	316	41.38	87	47.30	33	20.77	347	59.968	381	31.60	138
15	22.66	61	68.24	112	61.147	369	40.51	38	47.63	41	17.30	322	60.349	449	30.22	89
25	23.27	69	67.12	54	61.516	411	40.13	14	48.04	47	14.08	289	60.798	503	29.33	34
Dez. 5	23.96	72	66.58	6	61.927	441	40.27	65	48.51	53	11.19	246	61.301	542	28.99	23
15	24.68	75	66.64	68	62.368	457	40.92	116	49.04	56	8.73	196	61.843	562	29.22	79
25	25.43	75	67.32	128	62.825	457	42.08	164	49.60	58	6.77	138	62.405	565	30.01	134
35	26.18		68.60		63.282		43.72		50.18		5.39		62.970		31.35	
Mittl. Ort	20.80		60.03		58.560		31.04		46.65		51.08		57.973		21.37	
sec δ, tg δ	2.763		−2.576		1.512		−1.135		2.208		+1.968		1.961		−1.687	
a, *a′*	+3.6		−19.8		+3.3		−19.8		+2.6		−19.8		+3.5		−19.7	
b, *b′*	+0.17		+ 0.14		+0.07		+ 0.16		−0.13		+ 0.17		+0.11		+ 0.19	

Tag	482) *η* Centauri AR.		Dekl.		483) ε Ursae maj. AR.		Dekl.		484) δ Virginis AR.		Dekl.		486) 8 Draconis AR.		Dekl.	
1936	12h 49m		−39° 49′		12h 51m		+56° 17′		12h 52m		+3° 44′		12h 52m		+65° 46′	
	s		″		s		″		s		″		s		″	
Jan. 1	53.913	410	47.87	192	14.070	499	59.98	133	23.667	333	31.48	210	56.84	63	41.10	114
11	54.323	394	49.79	223	14.569	491	58.65	73	24.000	324	29.38	194	57.47	63	39.96	50
21	54.717	368	52.02	247	15.060	467	57.92	11	24.324	303	27.44	172	58.10	60	39.46	$\overline{15}$
31	55.085	334	54.49	263	15.527	427	57.81	$\overline{51}$	24.627	277	25.72	146	58.70	55	39.61	80
Feb. 10	55.419	292	57.12	273	15.954	376	58.32	108	24.904	243	24.26	117	59.25	48	40.41	138
20	55.711	248	59.85	275	16.330	312	59.40	160	25.147	207	23.09	86	59.73	40	41.79	190
März 1	55.959	202	62.60	272	16.642	244	61.00	205	25.354	167	22.23	56	60.13	30	43.69	234
11	56.161	156	65.32	263	16.886	172	63.05	238	25.521	129	21.67	26	60.43	22	46.03	266
21	56.317	112	67.95	249	17.058	99	65.43	262	25.650	92	21.41	0	60.65	11	48.69	288
31	56.429	70	70.44	232	17.157	29	68.05	274	25.742	57	21.41	23	60.76	2	51.57	297
Apr. 9	[4] 56.499	31	72.76	210	[4] 17.186	$\overline{37}$	70.79	275	[4] 25.799	26	21.64	42	[5] 60.78	$\overline{7}$	54.54	294
19	56.530	$\overline{4}$	74.86	186	17.149	95	73.54	266	25.825	0	22.06	57	60.71	16	57.48	281
29	56.526	35	76.72	159	17.054	147	76.20	246	25.825	25	22.63	67	60.55	23	60.29	257
Mai 9	56.491	64	78.31	130	16.907	189	78.66	220	25.800	45	23.30	73	60.32	29	62.86	225
19	56.427	90	79.61	100	16.718	226	80.86	185	25.755	63	24.03	77	60.03	35	65.11	186
29	56.337	111	80.61	67	16.492	251	82.71	145	25.692	77	24.80	78	59.68	38	66.97	142
Juni 8	56.226	130	81.28	33	16.241	271	84.16	101	25.615	89	25.58	76	59.30	41	68.39	93
18	56.096	145	81.61	$\overline{1}$	15.970	281	85.17	55	25.526	97	26.34	70	58.89	42	69.32	42
28	55.951	156	81.60	34	15.689	286	85.72	7	25.429	104	27.04	65	58.47	43	69.74	$\overline{10}$
Juli 8	55.795	161	81.26	67	15.403	282	85.79	$\overline{41}$	2[illegible].325	107	27.69	57	58.04	42	69.64	62
18	55.634	161	80.59	98	15.121	271	85.38	89	25.218	107	28.26	46	57.62	40	69.02	112
28	55.473	154	79.61	126	14.850	254	84.49	135	25.111	102	28.72	35	57.22	38	67.90	161
Aug. 7	55.319	140	78.35	151	14.596	230	83.14	178	25.009	93	29.07	22	56.84	34	66.29	205
17	55.179	119	76.84	168	14.366	199	81.36	218	24.916	79	29.29	6	56.50	30	64.24	247
27	55.060	89	75.16	181	14.167	159	79.18	254	24.837	59	29.35	$\overline{12}$	56.20	24	61.77	283
Sept. 6	54.971	52	73.35	187	14.008	114	76.64	286	24.778	34	29.23	31	55.96	18	58.94	315
16	54.919	7	71.48	184	13.894	61	73.78	314	24.744	3	28.92	53	55.78	11	55.79	340
26	54.912	$\overline{44}$	69.64	174	13.833	2	70.64	334	24.741	$\overline{34}$	28.39	76	55.67	3	52.39	359
Okt. 6	54.956	100	67.90	154	13.831	$\overline{62}$	67.30	350	24.775	74	27.63	102	55.64	$\overline{5}$	48.80	372
16	55.056	157	66.36	128	13.893	130	63.80	358	24.849	118	26.61	126	55.69	14	45.08	375
26	55.213	216	65.08	93	14.023	200	60.22	355	24.967	163	25.35	150	55.83	23	41.33	370
Nov. 5	55.429	270	64.15	53	14.223	269	56.67	348	25.130	206	23.85	174	56.06	32	37.63	356
15	55.699	319	63.62	10	14.492	334	53.19	329	25.336	247	22.11	193	56.38	41	34.07	333
25	56.018	360	63.52	$\overline{37}$	14.826	391	49.90	302	25.583	281	20.18	207	56.79	49	30.74	300
Dez. 5	56.378	388	63.89	83	15.217	439	46.88	265	25.864	307	18.11	216	57.28	55	27.74	258
15	56.766	406	64.72	127	15.656	473	44.23	219	26.171	325	15.95	219	57.83	59	25.16	208
25	57.172	410	65.99	168	16.129	493	42.04	167	26.496	332	13.76	214	58.42	62	23.08	150
35	57.582		67.67		16.622		40.37		26.828		11.62		59.04		21.58	
Mittl. Ort	52.984		52.89		13.186		84.69		22.721		41.16		56.045		67.22	
sec δ, tg δ	1.302		−0.834		1.803		+1.500		1.002		+0.065		2.438		+2.224	
a, *a*′	+3.3		−19.6		+2.6		−19.5		+3.1		−19.5		+2.4		−19.5	
b, *b*′	+0.05		+ 0.22		−0.10		+ 0.22		0.00		+ 0.23		−0.14		+ 0.23	

Tag	485) 12 Can. ven. sq. AR.		485) Dekl.		488) ε Virginis AR.		488) Dekl.		490) ϑ Virginis AR.		490) Dekl.		492) 43 Comae[1]) AR.		492) Dekl.	
1936	$12^h 53^m$		+38° 39′		$12^h 58^m$		+11° 17′		$13^h 6^m$		−5° 11′		$13^h 8^m$		+28° 11′	
Jan. 1	3.159	388	28.23	170	60.362	336	57.49	206	38.901	337	58.76	208	54.135	356	49.78	192
11	3.547	381	26.53	120	60.698	329	55.43	183	39.238	328	60.84	204	54.491	350	47.86	153
21	3.928	360	25.33	69	61.027	310	53.60	153	39.566	312	62.88	192	54.841	335	46.33	107
31	4.288	330	24.64	14	61.337	283	52.07	120	39.878	285	64.80	175	55.176	308	45.26	60
Feb. 10	4.618	289	24.50	$\overline{38}$	61.620	251	50.87	84	40.163	255	66.55	153	55.484	275	44.66	12
20	4.907	244	24.88	86	61.871	214	50.03	49	40.418	220	68.08	129	55.759	235	44.54	$\overline{34}$
März 1	5.151	194	25.74	130	62.085	175	49.54	14	40.638	182	69.37	103	55.994	193	44.88	77
11	5.345	143	27.04	165	62.260	136	49.40	$\overline{18}$	40.820	145	70.40	77	56.187	149	45.65	113
21	5.488	92	28.69	193	62.396	98	49.58	46	40.965	110	71.17	52	56.336	105	46.78	144
31	5.580	45	30.62	210	62.494	62	50.04	69	41.075	75	71.69	30	56.441	65	48.22	166
Apr. 9	5.625	1	32.72	219	62.556	29	50.73	87	41.150	45	71.99	9	56.506	26	49.88	180
19	5.626	$\overline{39}$	34.91	218	62.585	1	51.60	98	41.195	17	72.08	$\overline{8}$	56.532	$\overline{8}$	51.68	186
29	5.587	72	37.09	210	62.586	$\overline{24}$	52.58	106	41.212	$\overline{8}$	72.00	24	56.524	38	53.54	185
Mai 9	5.515	100	39.19	193	62.562	46	53.64	107	41.204	29	71.76	35	56.486	65	55.39	176
19	5.415	125	41.12	170	62.516	64	54.71	106	41.175	49	71.41	45	56.421	87	57.15	162
29	5.290	142	42.82	143	62.452	80	55.77	99	41.126	66	70.96	52	56.334	104	58.77	143
Juni 8	5.148	157	44.25	110	62.372	92	56.76	91	41.060	80	70.44	58	56.230	120	60.20	120
18	4.991	165	45.35	76	62.280	102	57.67	79	40.980	91	69.86	62	56.110	131	61.40	92
28	4.826	170	46.11	38	62.178	109	58.46	65	40.889	102	69.24	63	55.979	139	62.32	64
Juli 8	4.656	170	46.49	0	62.069	112	59.11	50	40.787	106	68.61	64	55.840	143	62.96	33
18	4.486	166	46.49	38	61.957	113	59.61	33	40.681	109	67.97	62	55.697	142	63.29	1
28	4.320	157	46.11	76	61.844	109	59.94	14	40.572	108	67.35	59	55.555	138	63.30	$\overline{30}$
Aug. 7	4.163	142	45.35	113	61.735	100	60.08	$\overline{5}$	40.464	101	66.76	52	55.417	129	63.00	63
17	4.021	122	44.22	148	61.635	87	60.03	27	40.363	88	66.24	44	55.288	114	62.37	95
27	3.899	97	42.74	183	61.548	67	59.76	48	40.275	70	65.80	33	55.174	94	61.42	126
Sept. 6	3.802	65	40.91	213	61.481	42	59.28	72	40.205	45	65.47	18	55.080	66	60.16	156
16	3.737	28	38.78	242	61.439	12	58.56	96	40.160	14	65.29	0	55.014	34	58.60	185
26	3.709	$\overline{16}$	36.36	267	61.427	$\overline{24}$	57.60	120	40.146	$\overline{23}$	65.29	21	54.980	$\overline{5}$	56.75	211
Okt. 6	3.725	64	33.69	286	61.451	66	56.40	145	40.169	63	65.50	45	54.985	48	54.64	235
16	3.789	115	30.83	302	61.517	109	54.95	169	40.232	109	65.95	71	55.033	96	52.29	254
26	3.904	168	27.81	310	61.626	155	53.26	191	40.341	154	66.66	97	55.129	144	49.75	270
Nov. 5	4.072	221	24.71	312	61.781	200	51.35	209	40.495	200	67.63	125	55.273	193	47.05	279
15	4.293	269	21.59	306	61.981	241	49.26	222	40.695	241	68.88	149	55.466	240	44.26	281
25	4.562	312	18.53	291	62.222	277	47.04	232	40.936	278	70.37	172	55.706	280	41.45	277
Dez. 5	4.874	348	15.62	268	62.499	305	44.72	234	41.214	306	72.09	189	55.986	313	38.68	264
15	5.222	371	12.94	236	62.804	324	42.38	228	41.520	324	73.98	202	56.299	337	36.04	242
25	5.593	384	10.58	196	63.128	334	40.10	216	41.844	334	76.00	207	56.636	351	33.62	212
35	5.977		8.62		63.462		37.94		42.178		78.07		56.987		31.50	
Mittl. Ort	2.246		49.02		59.460		69.81		38.037		52.25		53.320		67.57	
sec δ, tg δ	1.281		+0.800		1.020		+0.200		1.004		−0.091		1.135		+0.536	
a, *a′*	+2.8		−19.5		+3.0		−19.4		+3.1		−19.2		+2.9		−19.1	
b, *b′*	−0.05		+ 0.23		−0.01		+ 0.25		+0.01		+ 0.29		−0.03		+ 0.30	

[1]) Die jährliche Parallaxe (0.″133) ist bereits berücksichtigt.

Tag	495) γ Hydrae AR.	Δ	495) γ Hydrae Dekl.	Δ	496) ι Centauri AR.	Δ	496) ι Centauri Dekl.	Δ	497) ζ Ursae maj. pr. AR.	Δ	497) ζ Ursae maj. pr. Dekl.	Δ	498) α Virginis AR.	Δ	498) α Virginis Dekl.	Δ
1936	13h 15m		−22° 50′		13h 16m		−36° 22′		13h 21m		+55° 14′		13h 21m		−10° 49′	
Jan. 1	27.077 s	360	4.72 ″	192	60.220 s	399	27.29 ″	170	21.648 s	479	68.67 ″	170	49.873 s	341	44.80 ″	200
11	27.437	351	6.64	206	60.619	389	28.99	200	22.127	482	66.97	110	50.214	335	46.80	203
21	27.788	335	8.70	214	61.008	371	30.99	221	22.609	468	65.87	47	50.549	321	48.83	197
31	28.123	309	10.84	215	61.379	342	33.20	237	23.077	439	65.40	16	50.870	297	50.80	187
Feb. 10	28.432	276	12.99	211	61.721	308	35.57	245	23.516	395	65.56	77	51.167	268	52.67	170
20	28.708	242	15.10	202	62.029	268	38.02	248	23.911	343	66.33	133	51.435	234	54.37	151
März 1	28.950	203	17.12	189	62.297	226	40.50	245	24.254	281	67.66	183	51.669	198	55.88	129
11	29.153	165	19.01	171	62.523	185	42.95	237	24.535	215	69.49	223	51.867	163	57.17	107
21	29.318	128	20.72	154	62.708	143	45.32	225	24.750	147	71.72	254	52.030	127	58.24	83
31	29.446	93	22.26	135	62.851	104	47.57	209	24.897	79	74.26	272	52.157	93	59.07	61
Apr. 10	29.539	61	23.61	114	62.955	66	49.66	191	24.976	15	76.98	281	52.250	62	59.68	42
19	[10] 29.600	30	24.75	94	[11] 63.021	32	51.57	170	[12] 24.991	46	79.79	279	[12] 52.312	34	60.10	22
29	29.630	3	25.69	73	63.053	1	53.27	148	24.945	99	82.58	266	52.346	8	60.32	6
Mai 9	29.633	22	26.42	53	63.052	30	54.75	123	24.846	148	85.24	243	52.354	16	60.38	9
19	29.611	45	26.95	33	63.022	58	55.98	96	24.698	188	87.67	215	52.338	37	60.29	21
29	29.566	65	27.28	14	62.964	83	56.94	68	24.510	222	89.82	178	52.301	57	60.08	32
Juni 8	29.501	84	27.42	6	62.881	105	57.62	40	24.288	248	91.60	137	52.244	73	59.76	43
18	29.417	99	27.36	25	62.776	124	58.02	10	24.040	268	92.97	92	52.171	89	59.33	50
28	29.318	111	27.11	43	62.652	140	58.12	20	23.772	279	93.89	45	52.082	100	58.83	57
Juli 8	29.207	120	26.68	61	62.512	150	57.92	49	23.493	285	94.34	4	51.982	109	58.26	63
18	29.087	125	26.07	76	62.362	156	57.43	77	23.208	284	94.30	51	51.873	115	57.63	66
28	28.962	125	25.31	89	62.206	155	56.66	102	22.924	274	93.79	98	51.758	115	56.97	68
Aug. 7	28.837	118	24.42	99	62.051	147	55.64	125	22.650	257	92.81	145	51.643	110	56.29	67
17	28.719	105	23.43	106	61.904	132	54.39	144	22.393	234	91.36	188	51.533	100	55.62	64
27	28.614	86	22.37	108	61.772	108	52.95	156	22.159	201	89.48	228	51.433	83	54.98	56
Sept. 6	28.528	58	21.29	106	61.664	76	51.39	163	21.958	160	87.20	264	51.350	59	54.42	47
16	28.470	25	20.23	96	61.588	36	49.76	163	21.798	113	84.56	296	51.291	28	53.95	32
26	28.445	15	19.27	83	61.552	11	48.13	156	21.685	58	81.60	323	51.263	8	53.63	13
Okt. 6	28.460	62	18.44	64	61.563	64	46.57	139	21.627	5	78.37	342	51.271	50	53.50	8
16	28.522	110	17.80	38	61.627	120	45.18	118	21.632	72	74.95	356	51.321	96	53.58	33
26	28.632	161	17.42	10	61.747	178	44.00	88	21.704	142	71.39	361	51.417	144	53.91	61
Nov. 5	28.793	211	17.32	24	61.925	233	43.12	52	21.846	213	67.78	359	51.561	191	54.52	89
15	29.004	255	17.56	58	62.158	284	42.60	13	22.059	281	64.19	346	51.752	234	55.41	117
25	29.259	295	18.14	91	62.442	327	42.47	29	22.340	343	60.73	323	51.986	273	56.58	143
Dez. 5	29.554	326	19.05	125	62.769	362	42.76	71	22.683	398	57.50	292	52.259	304	58.01	165
15	29.880	346	20.30	153	63.131	385	43.47	110	23.081	439	54.58	251	52.563	325	59.66	183
25	30.226	356	21.83	178	63.516	395	44.57	148	23.520	467	52.07	202	52.888	337	61.49	195
35	30.582		23.61		63.911		46.05		23.987		50.05		53.225		63.44	
Mittl. Ort	26.267		4.30		59.442		31.14		21.158		92.84		49.093		40.27	
sec δ, tg δ	1.085		−0.421		1.242		−0.737		1.755		+1.442		1.018		−0.191	
a, *a*′	+3.3		−19.0		+3.4		−18.9		+2.4		−18.8		+3.2		−18.8	
b, *b*′	+0.03		+ 0.32		+0.05		+ 0.33		−0.09		+ 0.35		+0.01		+ 0.35	

Tag	499) Grb 2001 AR.	Δ	499) Dekl.	Δ	500) 69 H. Ursae maj. AR.	Δ	500) Dekl.	Δ	501) ζ Virginis AR.	Δ	501) Dekl.	Δ	502) 17 H. Can. ven. AR.	Δ	502) Dekl.	Δ
1936	13h 24m		+72° 42′		13h 26m		+60° 15′		13h 31m		−0° 16′		13h 31m		+37° 29′	
Jan. 1	29.86 s	81	58.04″	138	6.68 s	53	68.41″	165	26.531 s	333	17.96″	207	57.014 s	377	74.89″	203
11	30.67	82	56.66	73	7.21	53	66.76	104	26.864	330	20.03	197	57.391	378	72.86	156
21	31.49	80	55.93	6	7.74	53	65.72	39	27.194	316	22.00	180	57.769	368	71.30	103
31	32.29	76	55.87	61	8.27	49	65.33	25	27.510	296	23.80	158	58.137	346	70.27	49
Feb. 10	33.05	69	56.48	123	8.76	45	65.58	88	27.806	269	25.38	133	58.483	314	69.78	6
20	33.74	60	57.71	181	9.21	38	66.46	146	28.075	237	26.71	105	58.797	276	69.84	59
März 1	34.34	49	59.52	229	9.59	32	67.92	196	28.312	202	27.76	75	59.073	232	70.43	107
11	34.83	36	61.81	268	9.91	25	69.88	237	28.514	166	28.51	46	59.305	186	71.50	149
21	35.19	23	64.49	294	10.16	16	72.25	267	28.680	132	28.97	20	59.491	139	72.99	182
31	35.42	9	67.43	309	10.32	9	74.92	286	28.812	99	29.17	4	59.630	92	74.81	208
Apr. 10	[13]35.51	3	70.52	312	[13]10.41	1	77.78	294	[14]28.911	67	29.13	25	[15]59.722	48	76.89	223
19	35.48	16	73.64	302	10.42	5	80.72	291	28.978	38	28.88	41	59.770	8	79.12	229
29	35.32	28	76.66	283	10.37	13	83.63	276	29.016	12	28.47	54	59.778	29	81.41	227
Mai 9	35.04	38	79.49	254	10.24	18	86.39	253	29.028	12	27.93	64	59.749	62	83.68	216
19	34.66	46	82.03	216	10.06	23	88.92	221	29.016	34	27.29	69	59.687	91	85.84	198
29	34.20	52	84.19	173	9.83	27	91.13	183	28.982	53	26.60	73	59.596	116	87.82	174
Juni 8	33.68	59	85.92	124	9.56	30	92.96	140	28.929	71	25.87	74	59.480	137	89.56	144
18	33.09	62	87.16	73	9.26	32	94.36	93	28.858	86	25.13	72	59.343	154	91.00	112
28	32.47	64	87.89	19	8.94	34	95.29	43	28.772	99	24.41	69	59.189	166	92.12	76
Juli 8	31.83	65	88.08	35	8.60	35	95.72	7	28.673	109	23.72	63	59.023	174	92.88	38
18	31.18	64	87.73	88	8.25	35	95.65	57	28.564	115	23.09	57	58.849	178	93.26	2
28	30.54	62	86.85	140	7.90	33	95.08	106	28.449	116	22.52	48	58.671	176	93.24	40
Aug. 7	29.92	58	85.45	188	7.57	32	94.02	154	28.333	113	22.04	37	58.495	169	92.84	79
17	29.34	52	83.57	233	7.25	28	92.48	199	28.220	105	21.67	25	58.326	156	92.05	118
27	28.82	46	81.24	273	6.97	25	90.49	239	28.115	89	21.42	11	58.170	135	90.87	154
Sept. 6	28.36	38	78.51	309	6.72	21	88.10	277	28.026	67	21.31	7	58.035	109	89.33	190
16	27.98	29	75.42	338	6.51	15	85.33	308	27.959	39	21.38	26	57.926	74	87.43	221
26	27.69	18	72.04	360	6.36	9	82.25	334	27.920	4	21.64	48	57.852	34	85.22	251
Okt. 6	27.51	7	68.44	377	6.27	1	78.91	355	27.916	37	22.12	71	57.818	12	82.71	275
16	27.44	5	64.67	384	6.26	6	75.36	367	27.953	81	22.83	96	57.830	64	79.96	296
26	27.49	18	60.83	382	6.32	13	71.69	371	28.034	127	23.79	122	57.894	118	77.00	310
Nov. 5	27.67	30	57.01	372	6.45	22	67.98	366	28.161	174	25.01	145	58.012	172	73.90	318
15	27.97	43	53.29	352	6.67	30	64.32	352	28.335	218	26.46	168	58.184	225	70.72	317
25	28.40	54	49.77	321	6.97	37	60.80	328	28.553	257	28.14	186	58.409	273	67.55	308
Dez. 5	28.94	64	46.56	281	7.34	43	57.52	294	28.810	290	30.00	199	58.682	315	64.47	291
15	29.58	72	43.75	232	7.77	48	54.58	251	29.100	313	31.99	207	58.997	347	61.56	263
25	30.30	78	41.43	174	8.25	51	52.07	199	29.413	327	34.06	208	59.344	367	58.93	227
35	31.08		39.69		8.76		50.08		29.740		36.14		59.711		56.66	
Mittl. Ort	29.99		84.44		6.35		93.32		25.812		9.79		56.445		94.94	
sec δ, tg δ	3.367		+3.215		2.017		+1.751		1.000		−0.005		1.261		+0.768	
a, *a′*	+1.5		−18.7		+2.2		−18.6		+3.1		−18.5		+2.7		−18.5	
b, *b′*	−0.20		+ 0.36		−0.11		+ 0.37		0.00		+ 0.39		−0.05		+ 0.39	

Scheinbare Sternörter 1936

Tag	504) ε Centauri AR.		504) Dekl.		507) τ Bootis AR.		507) Dekl.		509) η Ursae maj. AR.		509) Dekl.		510) 89 Virginis AR.		510) Dekl.	
1936	$13^h 35^m$		$-53° 8'$		$13^h 44^m$		$+17° 45'$		$13^h 45^m$		$+49° 37'$		$13^h 46^m$		$-17° 48'$	
Jan. 1	49.656	505	22.74	114	13.833	336	75.77	217	1.596	426	32.83	202	24.048	349	59.96	180
11	50.161	499	23.88	158	14.169	335	73.60	188	2.022	434	30.81	147	24.397	347	61.76	190
21	50.660	481	25.46	196	14.504	327	71.72	152	2.456	427	29.34	86	24.744	336	63.66	193
31	51.141	451	27.42	229	14.831	308	70.20	114	2.883	407	28.48	25	25.080	317	65.59	190
Feb. 10	51.592	411	29.71	254	15.139	283	69.06	71	3.290	374	28.23	36	25.397	290	67.49	182
20	52.003	365	32.25	273	15.422	251	68.35	28	3.664	332	28.59	94	25.687	259	69.31	170
März 1	52.368	316	34.98	284	15.673	216	68.07	12	3.996	282	29.53	148	25.946	226	71.01	154
11	52.684	264	37.82	290	15.889	179	68.19	49	4.278	227	31.01	192	26.172	191	72.55	137
21	52.948	211	40.72	289	16.068	142	68.68	83	4.505	170	32.93	228	26.363	157	73.92	117
31	53.159	160	43.61	283	16.210	106	69.51	110	4.675	112	35.21	254	26.520	123	75.09	98
Apr. 10	[16] 53.319	109	46.44	271	[18] 16.316	71	70.61	130	[18] 4.787	57	37.75	269	[18] 26.643	92	76.07	79
19	53.428	59	49.15	255	16.387	39	71.91	144	4.844	3	40.44	273	26.735	61	76.86	61
29	53.487	13	51.70	234	16.426	10	73.35	151	4.847	45	43.17	268	26.796	34	77.47	44
Mai 9	53.500	32	54.04	209	16.436	17	74.86	152	4.802	90	45.85	253	26.830	7	77.91	28
19	53.468	75	56.13	180	16.419	42	76.38	147	4.712	129	48.38	229	26.837	18	78.19	12
29	53.393	114	57.93	147	16.377	63	77.85	138	4.583	163	50.67	200	26.819	42	78.31	3
Juni 8	53.279	151	59.40	111	16.314	83	79.23	124	4.420	192	52.67	163	26.777	63	78.28	16
18	53.128	182	60.51	73	16.231	100	80.47	106	4.228	214	54.30	124	26.714	82	78.12	29
28	52.946	208	61.24	33	16.131	114	81.53	86	4.014	231	55.54	80	26.632	99	77.83	41
Juli 8	52.738	227	61.57	9	16.017	125	82.39	64	3.783	243	56.34	34	26.533	113	77.42	53
18	52.511	239	61.48	49	15.892	132	83.03	41	3.540	248	56.68	11	26.420	122	76.89	62
28	52.272	241	60.99	89	15.760	135	83.44	15	3.292	247	56.57	58	26.298	128	76.27	71
Aug. 7	52.031	233	60.10	126	15.625	132	83.59	11	3.045	238	55.99	104	26.170	126	75.56	77
17	51.798	215	58.84	161	15.493	125	83.48	38	2.807	222	54.95	147	26.044	119	74.79	80
27	51.583	184	57.23	188	15.368	110	83.10	66	2.585	199	53.48	190	25.925	105	73.99	80
Sept. 6	51.399	142	55.35	209	15.258	89	82.44	93	2.386	168	51.58	227	25.820	82	73.19	76
16	51.257	90	53.26	222	15.169	61	81.51	121	2.218	128	49.31	263	25.738	53	72.43	67
26	51.167	27	51.04	227	15.108	26	80.30	148	2.090	80	46.68	293	25.685	15	71.76	54
Okt. 6	51.140	43	48.77	222	15.082	13	78.82	174	2.010	26	43.75	318	25.670	27	71.22	37
16	51.183	118	46.55	208	15.095	59	77.08	199	1.984	33	40.57	338	25.697	75	70.85	14
26	51.301	195	44.47	183	15.154	106	75.09	220	2.017	98	37.19	349	25.772	125	70.71	12
Nov. 5	51.496	269	42.64	150	15.260	155	72.89	238	2.115	163	33.70	353	25.897	175	70.83	40
15	51.765	338	41.14	111	15.415	201	70.51	250	2.278	227	30.17	348	26.072	222	71.23	69
25	52.103	397	40.03	66	15.616	244	68.01	256	2.505	286	26.69	335	26.294	265	71.92	99
Dez. 5	52.500	445	39.37	16	15.860	281	65.45	255	2.791	339	23.34	307	26.559	300	72.91	126
15	52.945	479	39.21	33	16.141	308	62.90	247	3.130	382	20.27	274	26.859	325	74.17	150
25	53.424	498	39.54	83	16.449	326	60.43	229	3.512	411	17.53	231	27.184	341	75.67	169
35	53.922		40.37		16.775		58.14		3.923		15.22		27.525		77.36	
Mittl. Ort	49.083		30.82		13.241		89.85		1.299		55.39		23.402		57.80	
sec δ, tg δ	1.667		−1.334		1.050		+0.321		1.544		+1.176		1.050		−0.321	
a, *a'*	+3.8		−18.3		+2.9		−18.0		+2.4		−18.0		+3.3		−17.9	
b, *b'*	+0.08		+ 0.41		−0.02		+ 0.44		−0.07		+ 0.44		+0.02		+ 0.45	

Tag	512) ζ Centauri AR.		Dekl.		513) η Bootis AR.		Dekl.	
1936	$13^h\ 51^m$		−46° 58′		$13^h\ 51^m$		+18° 42′	
	s		″		s		″	
Jan. 1	32.607	455	21.10	111	38.786	335	49.79	220
11	33.062	454	22.21	149	39.121	337	47.59	191
21	33.516	441	23.70	182	39.458	330	45.68	155
31	33.957	417	25.52	211	39.788	312	44.13	115
Febr. 10	34.374	384	27.63	231	40.100	288	42.98	71
20	34.758	346	29.94	247	40.388	257	42.27	28
März 1	35.104	305	32.41	256	40.645	224	41.99	14
11	35.409	260	34.97	259	40.869	187	42.13	52
21	35.669	214	37.56	257	41.056	150	42.65	86
31	35.883	170	40.13	250	41.206	114	43.51	114
Apr. 10	36.053	125	42.63	239	41.320	79	44.65	136
20	$_{20}$36.178	83	45.02	224	$_{20}$41.399	47	46.01	149
29	36.261	41	47.26	206	41.446	17	47.50	157
Mai 9	36.302	1	49.32	184	41.463	11	49.07	158
19	36.303	37	51.16	158	41.452	36	50.65	153
29	36.266	74	52.74	130	41.416	60	52.18	143
Juni 8	36.192	108	54.04	99	41.356	80	53.61	129
18	36.084	138	55.03	65	41.276	98	54.90	111
28	35.946	164	55.68	31	41.178	114	56.01	90
Juli 8	35.782	184	55.99	5	41.064	125	56.91	66
18	35.598	200	55.94	41	40.939	134	57.57	42
28	35.398	206	55.53	76	40.805	138	57.99	16
Aug. 7	35.192	204	54.77	109	40.667	136	58.15	11
17	34.988	192	53.68	139	40.531	129	58.04	39
27	34.796	169	52.29	164	40.402	116	57.65	67
Sept. 6	34.627	136	50.65	182	40.286	96	56.98	96
16	34.491	93	48.83	195	40.190	68	56.02	125
26	34.398	39	46.88	199	40.122	35	54.77	152
Okt. 6	34.359	22	44.89	194	40.087	6	53.25	179
16	34.381	87	42.95	180	40.093	51	51.46	203
26	34.468	156	41.15	159	40.144	98	49.43	225
Nov. 5	34.624	224	39.56	129	40.242	148	47.18	243
15	34.848	288	38.27	93	40.390	196	44.75	255
25	35.136	344	37.34	51	40.586	238	42.20	262
Dez. 5	35.480	390	36.83	7	40.824	277	39.58	259
15	35.870	425	36.76	38	41.101	306	36.99	251
25	36.295	445	37.14	82	41.407	324	34.48	233
35	36.740		37.96		41.731		32.15	
Mittl. Ort	32.083		27.52		38.247		64.06	
sec δ, tg δ	1.466		−1.071		1.056		+0.339	
a, *a′*	+3.7		−17.7		+2.9		−17.7	
b, *b′*	+0.06		+ 0.47		−0.02		+ 0.47	

Tag	517) 11 Bootis AR.		Dekl.		516) τ Virginis AR.		Dekl.	
1936	$13^h\ 58^m$		+27° 41′		$13^h\ 58^m$		+1° 50′	
	s		″		s		″	
Jan. 1	16.862	344	24.86	225	23.827	328	63.43	206
11	17.206	350	22.61	186	24.155	330	61.37	195
21	17.556	344	20.75	142	24.485	323	59.42	176
31	17.900	328	19.33	95	24.808	306	57.66	152
Febr. 10	18.228	304	18.38	44	25.114	283	56.14	125
20	18.532	273	17.94	5	25.397	255	54.89	95
März 1	18.805	238	17.99	53	25.652	223	53.94	64
11	19.043	200	18.52	95	25.875	191	53.30	33
21	19.243	160	19.47	132	26.066	158	52.97	5
31	19.403	121	20.79	162	26.224	124	52.92	21
Apr. 10	19.524	82	22.41	182	26.348	94	53.13	41
20	$_{21}$19.606	47	24.23	196	$_{21}$26.442	64	53.54	59
29	19.653	14	26.19	201	26.506	36	54.13	72
Mai 9	19.667	18	28.20	198	26.542	10	54.85	80
19	19.649	46	30.18	189	26.552	14	55.65	86
29	19.603	72	32.07	173	26.538	37	56.51	86
Juni 8	19.531	94	33.80	152	26.501	58	57.37	86
18	19.437	114	35.32	128	26.443	77	58.23	81
28	19.323	132	36.60	100	26.366	94	59.04	75
Juli 8	19.191	144	37.60	69	26.272	107	59.79	68
18	19.047	153	38.29	37	26.165	118	60.47	58
28	18.894	158	38.66	3	26.047	124	61.05	46
Aug. 7	18.736	157	38.69	31	25.923	124	61.51	34
17	18.579	149	38.38	65	25.799	120	61.85	20
27	18.430	136	37.73	98	25.679	107	62.05	4
Sept. 6	18.294	115	36.75	132	25.572	89	62.09	15
16	18.179	86	35.43	165	25.483	63	61.94	35
26	18.093	51	33.78	194	25.420	30	61.59	56
Okt. 6	18.042	10	31.84	222	25.390	9	61.03	80
16	18.032	37	29.62	247	25.399	53	60.23	105
26	18.069	87	27.15	267	25.452	101	59.18	128
Nov. 5	18.156	139	24.48	282	25.553	148	57.90	152
15	18.295	189	21.66	291	25.701	194	56.38	173
25	18.484	237	18.75	291	25.895	237	54.65	190
Dez. 5	18.721	277	15.84	283	26.132	272	52.75	202
15	18.998	310	13.01	267	26.404	301	50.73	209
25	19.308	333	10.34	242	26.705	319	48.64	208
35	19.641		7.92		27.024		46.56	
Mittl. Ort	16.426		41.67		23.266		72.13	
sec δ, tg δ	1.129		+0.525		1.000		+0.032	
a, *a′*	+2.7		−17.4		+3.1		−17.4	
b, *b′*	−0.03		+ 0.49		0.00		+ 0.49	

Scheinbare Sternörter 1936

Tag	518) β Centauri AR.		518) β Centauri Dekl.		521) α Draconis AR.		521) α Draconis Dekl.		520) ϑ Centauri AR.		520) ϑ Centauri Dekl.		522) *d* Bootis AR.		522) *d* Bootis Dekl.	
1936	13h 59m		−60° 3′		14h 2m		+64° 40′		14h 2m		−36° 3′		14h 7m		+25° 23′	
	s		"		s		"		s		"		s		"	
Jan. 1	17.63	58	46.45	65	38.90	56	28.26	200	54.959	395	18.62	128	29.247	338	22.50	228
11	18.21	60	47.10	113	39.46	59	26.26	138	55.354	397	19.90	156	29.585	344	20.22	193
21	18.81	57	48.23	158	40.05	60	24.88	73	55.751	387	21.46	180	29.929	340	18.29	151
31	19.38	55	49.81	198	40.65	57	24.15	6	56.138	368	23.26	197	30.269	326	16.78	105
Febr. 10	19.93	51	51.79	230	41.22	54	24.09	60	56.506	342	25.23	209	30.595	305	15.73	56
20	20.44	46	54.09	258	41.76	49	24.69	122	56.848	310	27.32	215	30.900	275	15.17	8
März 1	20.90	41	56.67	277	42.25	42	25.91	179	57.158	275	29.47	215	31.175	242	15.09	39
11	21.31	35	59.44	291	42.67	34	27.70	227	57.433	237	31.62	212	31.417	206	15.48	82
21	21.66	30	62.35	298	43.01	25	29.97	265	57.670	200	33.74	205	31.623	168	16.30	119
31	21.96	23	65.33	299	43.26	17	32.62	291	57.870	162	35.79	194	31.791	130	17.49	149
Apr. 10	22.19	17	68.32	294	43.43	8	35.53	305	58.032	126	37.73	181	31.921	94	18.98	172
20	$_{21}$22.36	11	71.26	283	$_{22}$43.51	0	38.58	310	$_{22}$58.158	89	39.54	166	$_{24}$32.015	58	20.70	187
29	22.47	5	74.09	267	43.51	9	41.68	301	58.247	55	41.20	149	32.073	25	22.57	194
Mai 9	22.52	1	76.76	246	43.42	16	44.69	283	58.302	22	42.69	130	32.098	5	24.51	193
19	22.51	6	79.22	220	43.26	23	47.52	256	58.324	11	43.99	108	32.093	34	26.44	186
29	22.45	12	81.42	189	43.03	29	50.08	221	58.313	42	45.07	86	32.059	60	28.30	172
Juni 8	22.33	17	83.31	154	42.74	34	52.29	180	58.271	71	45.93	62	31.999	84	30.02	154
18	22.16	21	84.85	115	42.40	38	54.09	134	58.200	98	46.55	37	31.915	105	31.56	132
28	21.95	25	86.00	74	42.02	41	55.43	85	58.102	122	46.92	11	31.810	124	32.88	105
Juli 8	21.70	28	86.74	30	41.61	43	56.28	33	57.980	142	47.03	16	31.686	138	33.93	76
18	21.42	31	87.04	15	41.18	44	56.61	18	57.838	156	46.87	43	31.548	149	34.69	46
28	21.11	31	86.89	60	40.74	43	56.43	71	57.682	166	46.44	68	31.399	154	35.15	14
Aug. 7	20.80	31	86.29	103	40.31	43	55.72	121	57.516	166	45.76	91	31.245	156	35.29	19
17	20.49	29	85.26	144	39.88	40	54.51	169	57.350	160	44.85	112	31.089	150	35.10	51
27	20.20	26	83.82	179	39.48	37	52.82	215	57.190	144	43.73	129	30.939	138	34.59	85
Sept. 6	19.94	22	82.03	208	39.11	32	50.67	256	57.046	119	42.44	141	30.801	119	33.74	118
16	19.72	15	79.95	231	38.79	27	48.11	293	56.927	84	41.03	146	30.682	92	32.56	149
26	19.57	8	77.64	244	38.52	20	45.18	325	56.843	41	39.57	146	30.590	58	31.07	180
Okt. 6	19.49	0	75.20	248	38.32	12	41.93	350	56.802	9	38.11	138	30.532	18	29.27	208
16	19.49	8	72.72	241	38.20	4	38.43	368	56.811	65	36.73	123	30.514	29	27.19	234
26	19.57	18	70.31	224	38.16	5	34.75	378	56.876	124	35.50	102	30.543	78	24.85	255
Nov. 5	19.75	27	68.07	197	38.21	15	30.97	378	57.000	183	34.48	73	30.621	129	22.30	272
15	20.02	36	66.10	161	38.36	24	27.19	370	57.183	239	33.75	40	30.750	179	19.58	282
25	20.38	43	64.49	119	38.60	33	23.49	351	57.422	290	33.35	5	30.929	227	16.76	285
Dez. 5	20.81	50	63.30	72	38.93	42	19.98	321	57.712	332	33.30	34	31.156	268	13.91	280
15	21.31	54	62.58	21	39.35	48	16.77	281	58.044	364	33.64	70	31.424	301	11.11	267
25	21.85	57	62.37	31	39.83	54	13.96	232	58.408	385	34.34	105	31.725	325	8.44	244
35	22.42		62.68		40.37		11.64		58.793		35.39		32.050		6.00	
Mittl. Ort	17.33		55.59		39.33		52.67		54.437		22.00		28.859		38.44	
sec δ, tg δ	2.004		−1.737		2.338		+2.114		1.237		−0.728		1.107		+0.475	
a, a′	+4.2		−17.4		+1.6		−17.2		+3.6		−17.2		+2.7		−17.0	
b, b′	+0.10		+ 0.50		−0.12		+ 0.51		+0.04		+ 0.51		−0.03		+ 0.53	

Tag	524) 4 Ursae min. AR.		524) Dekl.		523) ϰ Virginis AR.		523) Dekl.		525) ι Virginis AR.		525) Dekl.		526) α Bootis AR.		526) Dekl.	
1936	$14^h\ 8^m$		$+77°\ 50'$		$14^h\ 9^m$		$-9°\ 58'$		$14^h\ 12^m$		$-5°\ 41'$		$14^h\ 12^m$		$+19°\ 30'$	
	s		"		s		"		s		"		s		"	
Jan. 1	61.73	102	28.55	183	29.230	334	40.90	183	39.809	329	51.74	192	44.889	326	39.21	232
11	62.75	107	26.72	120	29.564	337	42.73	184	40.138	332	53.66	189	45.215	334	36.89	202
21	63.82	110	25.52	54	29.901	330	44.57	180	40.470	327	55.55	179	45.549	329	34.87	166
31	64.92	108	24.98	15	30.231	315	46.37	169	40.797	313	57.34	165	45.878	317	33.21	126
Febr. 10	66.00	102	25.13	81	30.546	294	48.06	154	41.110	292	58.99	144	46.195	296	31.95	81
20	67.02	93	25.94	144	30.840	267	49.60	134	41.402	266	60.43	121	46.491	269	31.14	37
März 1	67.95	80	27.38	200	31.107	237	50.94	113	41.668	236	61.64	95	46.760	238	30.77	8
11	68.75	65	29.38	245	31.344	206	52.07	90	41.904	206	62.59	70	46.998	204	30.85	48
21	69.40	48	31.83	282	31.550	173	52.97	67	42.110	173	63.29	46	47.202	168	31.33	84
31	69.88	29	34.65	306	31.723	142	53.64	46	42.283	142	63.75	22	47.370	133	32.17	114
Apr. 10	70.17	11	37.71	318	31.865	111	54.10	27	42.425	112	63.97	1	47.503	99	33.31	138
20	24 70.28	7	40.89	319	24 31.976	81	54.37	9	25 42.537	82	63.98	16	25 47.602	65	34.69	153
29	70.21	25	44.08	307	32.057	53	54.46	7	42.619	54	63.82	30	47.667	34	36.22	163
Mai 9	69.96	42	47.15	286	32.110	27	54.39	18	42.673	27	63.52	42	47.701	5	37.85	166
19	69.54	56	50.01	256	32.137	0	54.21	30	42.700	1	63.10	50	47.706	22	39.51	161
29	68.98	69	52.57	217	32.137	24	53.91	38	42.701	23	62.60	57	47.684	49	41.12	152
Juni 8	68.29	80	54.74	173	32.113	47	53.53	45	42.678	46	62.03	60	47.635	72	42.64	138
18	67.49	88	56.47	125	32.066	69	53.08	50	42.632	68	61.43	61	47.563	93	44.02	120
28	66.61	94	57.72	72	31.997	88	52.58	54	42.564	87	60.82	62	47.470	112	45.22	98
Juli 8	65.67	99	58.44	19	31.909	105	52.04	58	42.477	103	60.20	62	47.358	127	46.20	74
18	64.68	100	58.63	35	31.804	117	51.46	59	42.374	117	59.58	58	47.231	139	46.94	49
28	63.68	99	58.28	89	31.687	126	50.87	59	42.257	125	59.00	54	47.092	147	47.43	22
Aug. 7	62.69	97	57.39	140	31.561	129	50.28	58	42.132	129	58.46	49	46.945	149	47.65	7
17	61.72	91	55.99	188	31.432	125	49.70	54	42.003	126	57.97	41	46.796	144	47.58	36
27	60.81	84	54.11	234	31.307	116	49.16	47	41.877	116	57.56	31	46.652	134	47.22	66
Sept. 6	59.97	75	51.77	275	31.191	96	48.69	39	41.761	98	57.25	19	46.518	117	46.56	95
16	59.22	64	49.02	310	31.095	71	48.30	27	41.663	74	57.06	3	46.401	91	45.61	125
26	58.58	50	45.92	339	31.024	37	48.03	11	41.589	41	57.03	14	46.310	58	44.36	153
Okt. 6	58.08	36	42.53	362	30.987	3	47.92	8	41.548	1	57.17	34	46.252	19	42.83	182
16	57.72	19	38.91	377	30.990	48	48.00	30	41.547	43	57.51	57	46.233	25	41.01	207
26	57.53	1	35.14	383	31.038	96	48.30	54	41.590	90	58.08	81	46.258	73	38.94	231
Nov. 5	57.52	16	31.31	381	31.134	145	48.84	79	41.680	139	58.89	105	46.331	123	36.63	248
15	57.68	35	27.50	368	31.279	194	49.63	104	41.819	187	59.94	129	46.454	173	34.15	263
25	58.03	53	23.82	346	31.473	237	50.67	128	42.006	230	61.23	151	46.627	218	31.52	269
Dez. 5	58.56	69	20.36	312	31.710	275	51.95	149	42.236	269	62.74	168	46.845	259	28.83	270
15	59.25	84	17.24	269	31.985	304	53.44	166	42.505	298	64.42	182	47.104	291	26.13	261
25	60.09	96	14.55	218	32.289	323	55.10	177	42.803	317	66.24	189	47.395	315	23.52	244
35	61.05		12.37		32.612		56.87		43.120		68.13		47.710		21.08	
Mittl. Ort	63.95		53.79		28.707		36.18		39.308		45.64		44.492		53.30	
sec δ, tg δ	4.751		+4.644		1.015		—0.176		1.005		—0.100		1.061		+0.354	
a, *a'*	—0.2		—16.9		+3.2		—16.9		+3.1		—16.8		+2.8		—16.8	
b, *b'*	—0.26		+ 0.53		+0.01		+ 0.54		+0.01		+ 0.55		—0.02		+ 0.55	

Scheinbare Sternörter 1936

Tag	527) λ Bootis AR.		Dekl.	
1936	$14^h\ 13^m$		$+46°\ 22'$	
	s		"	
Jan. 1	57.187	393	32.17	230
11	57.580	407	29.87	179
21	57.987	407	28.08	122
31	58.394	396	26.86	61
Febr. 10	58.790	372	26.25	0
20	59.162	338	26.25	61
März 1	59.500	298	26.86	116
11	59.798	250	28.02	165
21	60.048	200	29.67	208
31	60.248	149	31.75	238
Apr. 10	60.397	98	34.13	261
20	60.495	48	36.74	271
29	60.543	0	39.45	273
Mai 9	60.543	44	42.18	264
19	60.499	85	44.82	247
29	60.414	120	47.29	223
Juni 8	60.294	154	49.52	191
18	60.140	180	51.43	155
28	59.960	204	52.98	115
Juli 8	59.756	222	54.13	72
18	59.534	234	54.85	27
28	59.300	239	55.12	18
Aug. 7	59.061	238	54.94	64
17	58.823	229	54.30	108
27	58.594	213	53.22	152
Sept. 6	58.381	188	51.70	193
16	58.193	155	49.77	230
26	58.038	113	47.47	265
Okt. 6	57.925	63	44.82	295
16	57.862	7	41.87	319
26	57.855	53	38.68	336
Nov. 5	57.908	117	35.32	347
15	58.025	180	31.85	348
25	58.205	240	28.37	340
Dez. 5	58.445	294	24.97	322
15	58.739	340	21.75	294
25	59.079	375	18.81	256
35	59.454		16.25	
Mittl. Ort	57.130		53.13	
sec δ, tg δ	1.450		+1.049	
a, *a'*	+2.3		−16.7	
b, *b'*	−0.06		+ 0.55	

Tag	531) ϑ Bootis AR.		Dekl.	
1936	$14^h\ 23^m$		$+52°\ 8'$	
	s		"	
Jan. 1	0.936	418	23.42	237
11	1.354	438	21.05	181
21	1.792	443	19.24	123
31	2.235	434	18.01	59
Febr. 10	2.669	411	17.42	5
20	3.080	377	17.47	68
März 1	3.457	334	18.15	126
11	3.791	283	19.41	177
21	4.074	227	21.18	221
31	4.301	170	23.39	253
Apr. 10	4.471	112	25.92	277
20	4.583	54	28.69	288
29	4.637	1	31.57	288
Mai 9	4.636	52	34.45	280
19	4.584	101	37.25	262
29	4.483	144	39.87	235
Juni 8	4.339	182	42.22	202
18	4.157	214	44.24	164
28	3.943	243	45.88	121
Juli 8	3.700	263	47.09	76
18	3.437	278	47.85	28
28	3.159	286	48.13	20
Aug. 7	2.873	285	47.93	68
17	2.588	276	47.25	116
27	2.312	259	46.09	161
Sept. 6	2.053	232	44.48	204
16	1.821	196	42.44	244
26	1.625	150	40.00	279
Okt. 6	1.475	97	37.21	310
16	1.378	36	34.11	335
26	1.342	31	30.76	352
Nov. 5	1.373	101	27.24	362
15	1.474	172	23.62	362
25	1.646	239	20.00	353
Dez. 5	1.885	301	16.47	334
15	2.186	354	13.13	303
25	2.540	396	10.10	264
35	2.936		7.46	
Mittl. Ort	1.120		45.11	
sec δ, tg δ	1.630		+1.287	
a, *a'*	+2.1		−16.3	
b, *b'*	−0.07		+ 0.58	

Tag	534) ρ Bootis AR.		Dekl.	
1936	$14^h\ 29^m$		$+30°\ 38'$	
	s		"	
Jan. 1	4.514	337	48.58	241
11	4.851	348	46.17	202
21	5.199	350	44.15	156
31	5.549	341	42.59	107
Febr. 10	5.890	322	41.52	54
20	6.212	297	40.98	0
März 1	6.509	266	40.98	50
11	6.775	230	41.48	98
21	7.005	192	42.46	139
31	7.197	154	43.85	173
Apr. 10	7.351	116	45.58	199
20	7.467	78	47.57	215
29	7.545	42	49.72	224
Mai 9	7.587	7	51.96	223
19	7.594	25	54.19	216
29	7.569	55	56.35	201
Juni 8	7.514	84	58.36	181
18	7.430	108	60.17	155
28	7.322	131	61.72	126
Juli 8	7.191	150	62.98	94
18	7.041	164	63.92	59
28	6.877	174	64.51	22
Aug. 7	6.703	178	64.73	14
17	6.525	175	64.59	51
27	6.350	165	64.08	89
Sept. 6	6.185	149	63.19	125
16	6.036	122	61.94	160
26	5.914	90	60.34	194
Okt. 6	5.824	49	58.40	224
16	5.775	3	56.16	252
26	5.772	49	53.64	274
Nov. 5	5.821	102	50.90	291
15	5.923	156	47.99	302
25	6.079	207	44.97	305
Dez. 5	6.286	252	41.92	298
15	6.538	292	38.94	283
25	6.830	320	36.11	259
35	7.150		33.52	
Mittl. Ort	4.331		65.32	
sec δ, tg δ	1.162		+0.593	
a, *a'*	+2.6		−16.0	
b, *b'*	−0.03		+ 0.61	

Tag	535) γ Bootis AR.		Dekl.	
1936	$14^h\ 29^m$		$+38°\ 34'$	
	s		"	
Jan. 1	30.169	354	55.80	243
11	30.523	370	53.37	199
21	30.893	372	51.38	148
31	31.265	364	49.90	92
Febr. 10	31.629	345	48.98	33
20	31.974	318	48.65	24
März 1	32.292	283	48.89	79
11	32.575	245	49.68	128
21	32.820	204	50.96	172
31	33.024	160	52.68	207
Apr. 10	33.184	116	54.75	231
20	33.300	74	57.06	248
29	33.374	33	59.54	254
Mai 9	33.407	6	62.08	251
19	33.401	43	64.59	240
29	33.358	77	66.99	221
Juni 8	33.281	107	69.20	195
18	33.174	135	71.15	166
28	33.039	159	72.81	131
Juli 8	32.880	179	74.12	93
18	32.701	193	75.05	53
28	32.508	203	75.58	11
Aug. 7	32.305	206	75.69	30
17	32.099	203	75.39	72
27	31.896	191	74.67	113
Sept. 6	31.705	172	73.54	154
16	31.533	144	72.00	191
26	31.389	108	70.09	226
Okt. 6	31.281	65	67.83	258
16	31.216	15	65.25	285
26	31.201	40	62.40	306
Nov. 5	31.241	97	59.34	322
15	31.338	156	56.12	329
25	31.494	211	52.83	327
Dez. 5	31.705	261	49.56	316
15	31.966	304	46.40	296
25	32.270	337	43.44	265
35	32.607		40.79	
Mittl. Ort	30.103		74.46	
sec δ, tg δ	1.279		+0.798	
a, *a'*	+2.4		−15.9	
b, *b'*	−0.04		+ 0.61	

Tag	537) η Centauri AR.	Diff.	537) η Centauri Dekl.	Diff.	538) α Centauri[1] AR.	Diff.	538) α Centauri[1] Dekl.	Diff.	543) ζ Bootis med. AR.	Diff.	543) ζ Bootis med. Dekl.	Diff.	545) μ Virginis AR.	Diff.	545) μ Virginis Dekl.	Diff.
1936	14h 31m		−41° 52′		14h 35m		−60° 34′		14h 38m		+13° 59′		14h 39m		−5° 22′	
	s		″		s		″		s		″		s		″	
Jan. 1	26.345	416	35.69	80	14.51	57	13.68	23	5.782	315	54.57	226	41.428	320	57.89	184
11	26.761	424	36.49	113	15.08	59	13.91	70	6.097	326	52.31	202	41.748	328	59.73	181
21	27.185	421	37.62	142	15.67	59	14.61	116	6.423	326	50.29	172	42.076	328	61.54	172
31	27.606	408	39.04	167	16.26	57	15.77	155	6.749	318	48.57	137	42.404	318	63.26	156
Febr. 10	28.014	386	40.71	185	16.83	54	17.32	191	7.067	302	47.20	98	42.722	302	64.82	137
20	28.400	357	42.56	199	17.37	49	19.23	222	7.369	280	46.22	57	43.024	281	66.19	114
März 1	28.757	325	44.55	208	17.86	45	21.45	244	7.649	253	45.65	15	43.305	255	67.33	88
11	29.082	289	46.63	211	18.31	39	23.89	262	7.902	223	45.50	24	43.560	227	68.21	63
21	29.371	251	48.74	211	18.70	34	26.51	273	8.125	191	45.74	60	43.787	197	68.84	37
31	29.622	212	50.85	207	19.04	28	29.24	278	8.316	160	46.34	91	43.984	167	69.21	14
Apr. 10	29.834	174	52.92	199	19.32	22	32.02	279	8.476	128	47.25	116	44.151	138	69.35	7
20	30.008	135	54.91	189	19.54	16	34.81	274	8.604	96	48.41	136	44.289	109	69.28	24
30	30.143	96	56.80	176	19.70	9	37.55	263	8.700	65	49.77	147	44.398	80	69.04	39
Mai 9	30.239	57	58.56	161	19.79	3	40.18	247	8.765	36	51.24	154	44.478	52	68.65	49
19	30.296	19	60.17	142	19.82	2	42.65	226	8.801	8	52.78	154	44.530	25	68.16	58
29	30.315	18	61.59	121	19.80	9	44.91	200	8.809	20	54.32	150	44.555	2	67.58	62
Juni 8	30.297	55	62.80	97	19.71	15	46.91	170	8.789	46	55.82	140	44.553	29	66.96	66
18	30.242	89	63.77	72	19.56	19	48.61	137	8.743	70	57.22	126	44.524	53	66.30	65
28	30.153	121	64.49	44	19.37	25	49.98	98	8.673	92	58.48	109	44.471	76	65.65	65
Juli 8	30.032	148	64.93	16	19.12	28	50.96	57	8.581	112	59.57	91	44.395	97	65.00	63
18	29.884	170	65.09	15	18.84	31	51.53	14	8.469	129	60.48	69	44.298	115	64.37	59
28	29.714	186	64.94	44	18.53	33	51.67	30	8.340	140	61.17	46	44.183	128	63.78	54
Aug. 7	29.528	192	64.50	73	18.20	34	51.37	73	8.200	146	61.63	22	44.055	135	63.24	47
17	29.336	192	63.77	101	17.86	34	50.64	115	8.054	147	61.85	3	43.920	136	62.77	40
27	29.144	179	62.76	124	17.52	31	49.49	153	7.907	140	61.82	30	43.784	131	62.37	29
Sept. 6	28.965	156	61.52	143	17.21	26	47.96	187	7.767	126	61.52	57	43.653	116	62.08	18
16	28.809	123	60.09	158	16.95	22	46.09	213	7.641	104	60.95	84	43.537	95	61.90	4
26	28.686	79	58.51	165	16.73	14	43.96	233	7.537	75	60.11	112	43.442	64	61.86	14
Okt. 6	28.607	27	56.86	165	16.59	7	41.63	243	7.462	38	58.99	139	43.378	28	62.00	32
16	28.580	32	55.21	157	16.52	2	39.20	244	7.424	6	57.60	165	43.350	16	62.32	54
26	28.612	97	53.64	142	16.54	12	36.76	233	7.430	52	55.95	190	43.366	64	62.86	77
Nov. 5	28.709	161	52.22	120	16.66	21	34.43	214	7.482	102	54.05	210	43.430	113	63.63	100
15	28.870	224	51.02	91	16.87	30	32.29	185	7.584	151	51.95	229	43.543	162	64.63	122
25	29.094	283	50.11	57	17.17	38	30.44	149	7.735	198	49.66	240	43.705	208	65.85	143
Dez. 5	29.377	332	49.54	21	17.55	46	28.95	105	7.933	240	47.26	245	43.913	248	67.28	161
15	29.709	373	49.33	17	18.01	52	27.90	59	8.173	275	44.81	244	44.161	282	68.89	174
25	30.082	401	49.50	56	18.53	55	27.31	10	8.448	300	42.37	233	44.443	306	70.63	180
35	30.483		50.06		19.08		27.21		8.748		40.04		44.749		72.43	
Mittl. Ort	26.008		40.24		14.40		22.26		5.500		66.43		41.065		51.91	
sec δ, tg δ	1.343		−0.897		2.035		−1.773		1.031		+0.249		1.004		−0.094	
a, *a′*	+3.8		−15.8		+4.6		−15.6		+2.9		−15.5		+3.2		−15.4	
b, *b′*	+0.05		+ 0.61		+0.09		+ 0.63		−0.01		+ 0.64		0.00		+ 0.64	

[1]) Ort des hellen Sterns; die jährliche Parallaxe (0.″758) ist bereits berücksichtigt.

Scheinbare Sternörter 1936

Tag	542) α Apodis AR.		Dekl.		547) 109 Virginis AR.		Dekl.		548) α Librae AR.		Dekl.		549) Grb 2164 AR.		Dekl.	
1936	14h 39m		−78° 46′		14h 43m		+2° 9′		14h 47m		−15° 46′		14h 49m		+59° 32′	
	s		″		s		″		s		″		s		″	
Jan. 1	47.21	132	21.22	49	1.003	313	32.79	201	20.349	329	39.97	150	47.946	451	50.70	253
11	48.53	136	20.73	8	1.316	324	30.78	190	20.678	339	41.47	158	48.397	487	48.17	200
21	49.89	138	20.81	64	1.640	323	28.88	173	21.017	339	43.05	160	48.884	504	46.17	138
31	51.27	135	21.45	116	1.963	315	27.15	150	21.356	331	44.65	157	49.388	507	44.79	73
Febr. 10	52.62	131	22.61	165	2.278	300	25.65	123	21.687	315	46.22	149	49.895	491	44.06	5
20	53.93	122	24.26	209	2.578	279	24.42	91	22.002	294	47.71	136	50.386	460	44.01	60
März 1	55.15	112	26.35	246	2.857	253	23.51	60	22.296	269	49.07	121	50.846	418	44.61	123
11	56.27	100	28.81	277	3.110	226	22.91	28	22.565	242	50.28	103	51.264	364	45.84	178
21	57.27	87	31.58	302	3.336	196	22.63	2	22.807	212	51.31	85	51.628	302	47.62	227
31	58.14	72	34.60	320	3.532	166	22.65	29	23.019	183	52.16	67	51.930	235	49.89	265
Apr. 10	58.86	57	37.80	330	3.698	137	22.94	51	23.202	154	52.83	51	52.165	165	52.54	291
20	59.43	40	41.10	335	3.835	107	23.45	70	23.356	123	53.34	35	52.330	94	55.45	307
30	2 59.83	23	44.45	330	3 3.942	78	24.15	84	4 23.479	95	53.69	21	4 52.424	23	58.52	312
Mai 9	60.06	7	47.75	321	4.020	50	24.99	94	23.574	65	53.90	8	52.447	43	61.64	306
19	60.13	11	50.96	303	4.070	22	25.93	99	23.639	36	53.98	2	52.404	107	64.70	290
29	60.02	26	53.99	278	4.092	5	26.92	100	23.675	7	53.96	11	52.297	166	67.60	265
Juni 8	59.76	42	56.77	247	4.087	31	27.92	97	23.682	21	53.85	20	52.131	218	70.25	233
18	59.34	57	59.24	210	4.056	55	28.89	94	23.661	48	53.65	28	51.913	266	72.58	194
28	58.77	69	61.34	167	4.001	79	29.83	86	23.613	74	53.37	35	51.647	305	74.52	151
Juli 8	58.08	80	63.01	120	3.922	100	30.69	76	23.539	97	53.02	41	51.342	337	76.03	104
18	57.28	88	64.21	68	3.822	116	31.45	66	23.442	116	52.61	47	51.005	361	77.07	54
28	56.40	92	64.89	15	3.706	130	32.11	54	23.326	132	52.14	52	50.644	376	77.61	3
Aug. 7	55.48	94	65.04	40	3.576	138	32.65	40	23.194	141	51.62	56	50.268	382	77.64	48
17	54.54	92	64.64	94	3.438	139	33.05	25	23.053	144	51.06	58	49.886	376	77.16	98
27	53.62	86	63.70	146	3.299	134	33.30	8	22.909	138	50.48	58	49.510	361	76.18	147
Sept. 6	52.76	76	62.24	192	3.165	121	33.38	10	22.771	125	49.90	55	49.149	333	74.71	193
16	52.00	63	60.32	233	3.044	99	33.28	29	22.646	102	49.35	50	48.816	296	72.78	237
26	51.37	47	57.99	265	2.945	71	32.99	51	22.544	72	48.85	40	48.520	246	70.41	276
Okt. 6	50.90	27	55.34	288	2.874	34	32.48	74	22.472	32	48.45	27	48.274	186	67.65	309
16	50.63	6	52.46	299	2.840	8	31.74	97	22.440	11	48.18	9	48.088	116	64.56	338
26	50.57	16	49.47	299	2.848	55	30.77	121	22.451	62	48.09	10	47.972	39	61.18	358
Nov. 5	50.73	39	46.48	287	2.903	105	29.56	143	22.513	112	48.19	33	47.933	44	57.60	371
15	51.12	62	43.61	265	3.008	152	28.13	164	22.625	164	48.52	57	47.977	128	53.89	373
25	51.74	82	40.96	230	3.160	199	26.49	182	22.789	212	49.09	81	48.105	211	50.16	367
Dez. 5	52.56	99	38.66	189	3.359	240	24.67	195	23.001	255	49.90	104	48.316	290	46.49	349
15	53.55	114	36.77	139	3.599	274	22.72	201	23.256	289	50.94	125	48.606	361	43.00	321
25	54.69	126	35.38	86	3.873	299	20.71	203	23.545	315	52.19	141	48.967	420	39.79	281
35	55.95		34.52		4.172		18.68		23.860		53.60		49.387		36.98	
Mittl. Ort	48.72		31.87		0.682		41.03		20.006		37.16		48.769		72.19	
sec δ, tg δ	5.137		−5.039		1.001		+0.038		1.039		−0.283		1.973		+1.701	
a, *a′*	+7.4		−15.4		+3.0		−15.2		+3.3		−14.9		+1.5		−14.8	
b, *b′*	+0.26		+ 0.64		0.00		+ 0.65		+0.01		+ 0.67		−0.08		+ 0.67	

Tag	550) β Ursae min. AR.		Dekl.		551) Pi XIV, 221 AR.		Dekl.		552) β Lupi AR.		Dekl.		555) β Bootis AR.		Dekl.	
1936	14h 50m		+74° 24′		14h 53m		+14° 41′		14h 54m		−42° 52′		14h 59m		+40° 38′	
	s		″		s		″		s		″		s		″	
Jan. 1	49.67	74	38.53	237	12.113	308	61.76	228	19.945	412	35.21	51	31.897	341	13.37	264
11	50.41	82	36.16	179	12.421	322	59.48	205	20.357	426	35.72	84	32.238	363	10.73	221
21	51.23	85	34.37	115	12.743	324	57.43	176	20.783	429	36.56	115	32.601	373	8.52	170
31	52.08	87	33.22	47	13.067	320	55.67	140	21.212	420	37.71	140	32.974	372	6.82	113
Febr. 10	52.95	86	32.75	21	13.387	306	54.27	100	21.632	403	39.11	161	33.346	361	5.69	55
20	53.81	80	32.96	88	13.693	287	53.27	58	22.035	379	40.72	177	33.707	340	5.14	6
März 1	54.61	73	33.84	149	13.980	262	52.69	16	22.414	350	42.49	188	34.047	311	5.20	65
11	55.34	63	35.33	205	14.242	234	52.53	25	22.764	317	44.37	194	34.358	277	5.85	118
21	55.97	51	37.38	251	14.476	204	52.78	62	23.081	281	46.31	198	34.635	238	7.03	166
31	56.48	38	39.89	286	14.680	173	53.40	95	23.362	245	48.29	197	34.873	196	8.69	206
Apr. 10	56.86	25	42.75	310	14.853	142	54.35	121	23.607	207	50.26	192	35.069	153	10.75	236
20	57.11	10	45.85	322	14.995	111	55.56	142	23.814	168	52.18	186	35.222	110	13.11	257
30	57.21	4	49.07	322	15.106	80	56.98	155	23.982	128	54.04	176	35.332	66	15.68	268
Mai 9	57.17	18	52.29	312	15.186	49	58.53	162	24.110	88	55.80	164	35.398	24	18.36	269
19	56.99	30	55.41	292	15.235	20	60.15	163	24.198	48	57.44	149	35.422	16	21.05	262
29	56.69	41	58.33	263	15.255	9	61.78	159	24.246	7	58.93	131	35.406	55	23.67	246
Juni 8	56.28	53	60.96	226	15.246	37	63.37	149	24.253	33	60.24	111	35.351	92	26.13	223
18	55.75	61	63.22	183	15.209	63	64.86	136	24.220	71	61.35	87	35.259	124	28.36	194
28	55.14	67	65.05	136	15.146	87	66.22	119	24.149	108	62.22	62	35.135	155	30.30	160
Juli 8	54.47	73	66.41	86	15.059	109	67.41	98	24.041	139	62.84	34	34.980	180	31.90	123
18	53.74	78	67.27	33	14.950	128	68.39	77	23.902	167	63.18	6	34.800	202	33.13	82
28	52.96	80	67.60	20	14.822	142	69.16	53	23.735	188	63.24	25	34.598	216	33.95	40
Aug. 7	52.16	80	67.40	74	14.680	151	69.69	28	23.547	200	62.99	54	34.382	226	34.35	4
17	51.36	78	66.66	124	14.529	153	69.97	2	23.347	204	62.45	83	34.156	228	34.31	48
27	50.58	74	65.42	174	14.376	149	69.99	26	23.143	196	61.62	108	33.928	221	33.83	92
Sept. 6	49.84	69	63.68	220	14.227	138	69.73	53	22.947	177	60.54	130	33.707	206	32.91	134
16	49.15	62	61.48	262	14.089	116	69.20	81	22.770	148	59.24	148	33.501	182	31.57	175
26	48.53	53	58.86	299	13.973	89	68.39	110	22.622	106	57.76	160	33.319	149	29.82	214
Okt. 6	48.00	42	55.87	331	13.884	53	67.29	137	22.516	56	56.16	164	33.170	107	27.68	249
16	47.58	29	52.56	355	13.831	11	65.92	164	22.460	4	54.52	161	33.063	59	25.19	279
26	47.29	16	49.01	372	13.820	35	64.28	190	22.464	67	52.91	151	33.004	3	22.40	305
Nov. 5	47.13	2	45.29	381	13.855	86	62.38	211	22.531	134	51.40	132	33.001	56	19.35	323
15	47.11	14	41.48	378	13.941	136	60.27	229	22.665	199	50.08	109	33.057	116	16.12	335
25	47.25	29	37.70	367	14.077	183	57.98	241	22.864	261	48.99	78	33.173	176	12.77	337
Dez. 5	47.54	43	34.03	344	14.260	227	55.57	248	23.125	315	48.21	45	33.349	230	9.40	329
15	47.97	56	30.59	310	14.487	264	53.09	246	23.440	360	47.76	10	33.579	279	6.11	312
25	48.53	68	27.49	267	14.751	293	50.63	236	23.800	393	47.66	28	33.858	319	2.99	285
35	49.21		24.82		15.044		48.27		24.193		47.94		34.177		0.14	
Mittl. Ort	52.27		61.34		11.921		73.43		19.735		39.59		32.113		31.14	
sec δ, tg δ	3.723		+3.586		1.034		+0.262		1.365		−0.929		1.318		+0.858	
a, a′	−0.2		−14.7		+2.8		−14.6		+3.9		−14.5		+2.3		−14.2	
b, b′	−0.18		+ 0.68		−0.01		+ 0.69		+0.04		+ 0.69		−0.04		+ 0.71	

Tag	556) γ Scorpii AR.		Dekl.		557) ψ Bootis AR.		Dekl.		558) ζ Lupi AR.		Dekl.		560) γ Triang. austr. AR.		Dekl.	
1936	$15^h\ 0^m$		−25° 1′		$15^h\ 1^m$		+27° 11′		$15^h\ 7^m$		−51° 51′		$5^h\ 12^m$		−68° 26′	
	s		″		s		″		s		″		s		″	
Jan. 1	19.392	343	54.72	110	42.188	312	31.41	252	40.418	466	19.59	2	53.74	72	33.91	64
11	19.735	355	55.82	128	42.500	331	28.89	218	40.884	487	19.61	43	54.46	76	33.27	15
21	20.090	358	57.10	139	42.831	337	26.71	178	41.371	494	20.04	79	55.22	77	33.12	34
31	20.448	351	58.49	147	43.168	335	24.93	132	41.865	488	20.83	113	55.99	77	33.46	80
Febr. 10	20.799	337	59.96	148	43.503	323	23.61	81	42.353	474	21.96	144	56.76	76	34.26	124
20	21.136	318	61.44	147	43.826	305	22.80	28	42.827	450	23.40	168	57.52	72	35.50	164
März 1	21.454	293	62.91	140	44.131	280	22.52	22	43.277	419	25.08	189	58.24	68	37.14	198
11	21.747	267	64.31	132	44.411	250	22.74	71	43.696	384	26.97	205	58.92	62	39.12	226
21	22.014	238	65.63	121	44.661	219	23.45	115	44.080	344	29.02	215	59.54	56	41.38	251
31	22.252	208	66.84	110	44.880	184	24.60	152	44.424	303	31.17	222	60.10	49	43.89	268
Apr. 10	22.460	177	67.94	97	45.064	150	26.12	182	44.727	258	33.39	225	60.59	42	46.57	280
20	22.637	147	68.91	85	45.214	114	27.94	204	44.985	213	35.64	224	61.01	33	49.37	287
30	22.784	115	69.76	73	45.328	79	29.98	216	45.198	164	37.88	218	61.34	25	52.24	287
Mai 9*)	7 22.899	84	70.49	61	7 45.407	45	32.14	222	9 45.362	116	40.06	209	10 61.59	16	55.11	282
19	22.983	52	71.10	49	45.452	11	34.36	219	45.478	66	42.15	196	61.75	7	57.93	271
29	23.035	21	71.59	37	45.463	21	36.55	210	45.544	15	44.11	178	61.82	1	60.64	253
Juni 8	23.056	12	71.96	25	45.442	52	38.65	194	45.559	35	45.89	157	61.81	10	63.17	229
18	23.044	43	72.21	12	45.390	81	40.59	172	45.524	83	47.46	132	61.71	19	65.46	201
28	23.001	72	72.33	1	45.309	108	42.31	147	45.441	129	48.78	103	61.52	27	67.47	165
Juli 8	22.929	99	72.32	14	45.201	132	43.78	118	45.312	170	49.81	72	61.25	34	69.12	127
18	22.830	123	72.18	28	45.069	153	44.96	87	45.142	206	50.53	37	60.91	39	70.39	82
28	22.707	141	71.90	41	44.916	167	45.83	52	44.936	232	50.90	0	60.52	44	71.21	36
Aug. 7	22.566	152	71.49	53	44.749	177	46.35	17	44.704	249	50.90	36	60.08	46	71.57	12
17	22.414	158	70.96	65	44.572	181	46.52	18	44.455	256	50.54	72	59.62	47	71.45	61
27	22.256	154	70.31	74	44.391	177	46.34	55	44.199	250	49.82	106	59.15	46	70.84	108
Sept. 6	22.102	141	69.57	81	44.214	165	45.79	91	43.949	229	48.76	138	58.69	43	69.76	152
16	21.961	119	68.76	84	44.049	144	44.88	127	43.720	197	47.38	164	58.26	37	68.24	191
26	21.842	87	67.92	81	43.905	115	43.61	161	43.523	149	45.74	184	57.89	29	66.33	224
Okt. 6	21.755	46	67.11	76	43.790	79	42.00	193	43.374	92	43.90	197	57.60	19	64.09	249
16	21.709	0	66.35	65	43.711	35	40.07	223	43.282	23	41.93	202	57.41	9	61.60	263
26	21.709	52	65.70	48	43.676	14	37.84	248	43.259	51	39.91	197	57.32	3	58.97	268
Nov. 5	21.761	108	65.22	29	43.690	66	35.36	271	43.310	128	37.94	185	57.35	16	56.29	261
15	21.869	161	64.93	4	43.756	120	32.65	286	43.438	206	36.09	164	57.51	29	53.68	245
25	22.030	214	64.89	21	43.876	172	29.79	293	43.644	280	34.45	136	57.80	40	51.23	219
Dez. 5	22.244	259	65.10	47	44.048	219	26.86	294	43.924	344	33.09	102	58.20	51	49.04	183
15	22.503	297	65.57	73	44.267	261	23.92	284	44.268	399	32.07	64	58.71	60	47.21	143
25	22.800	327	66.30	96	44.528	294	21.08	266	44.667	442	31.43	25	59.31	68	45.78	96
35	23.127		67.26		44.822		18.42		45.109		31.18		59.99		44.82	
Mittl. Ort	19.116		54.50		42.178		46.06		40.398		25.58		54.37		42.38	
sec δ, tg δ	1.104		−0.467		1.124		+0.514		1.619		−1.273		2.722		−2.532	
a, *a′*	+3.5		−14.2		+2.6		−14.1		+4.3		−13.7		+5.6		−13.4	
b, *b′*	+0.02		+ 0.71		−0.02		+ 0.71		+0.06		+ 0.73		+0.11		+ 0.75	

*) Bei Stern 560) lies Mai 10

Tag	563) δ Bootis AR.		563) δ Bootis Dekl.		564) β Librae AR.		564) β Librae Dekl.		565) 1 H. Ursae min. AR.		565) 1 H. Ursae min. Dekl.		566) φ¹ Lupi AR.		566) φ¹ Lupi Dekl.	
1936	15ʰ 12ᵐ		+33° 32′		15ʰ 13ᵐ		−9° 8′		15ʰ 13ᵐ		+67° 34′		15ʰ 17ᵐ		−36° 1′	
	s		″		s		″		s		″		s		″	
Jan. 1	55.194	315	53.58	265	33.810	309	57.58	159	51.91	52	61.16	269	44.391	368	48.10	53
11	55.509	337	50.93	228	34.119	323	59.17	160	52.43	58	58.47	216	44.759	386	48.63	80
21	55.846	348	48.65	184	34.442	327	60.77	155	53.01	62	56.31	156	45.145	392	49.43	103
31	56.194	348	46.81	132	34.769	324	62.32	146	53.63	63	54.75	90	45.537	390	50.46	121
Febr. 10	56.542	340	45.49	77	35.093	314	63.78	130	54.26	64	53.85	21	45.927	378	51.67	136
20	56.882	324	44.72	21	35.407	297	65.08	111	54.90	61	53.64	47	46.305	360	53.03	146
März 1	57.206	299	44.51	35	35.704	277	66.19	90	55.51	56	54.11	111	46.665	337	54.49	152
11	57.505	269	44.86	88	35.981	253	67.09	67	56.07	50	55.22	172	47.002	310	56.01	153
21	57.774	237	45.74	134	36.234	226	67.76	45	56.57	42	56.94	222	47.312	281	57.54	154
31	58.011	201	47.08	175	36.460	200	68.21	23	56.99	34	59.16	264	47.593	250	59.08	150
Apr. 10	58.212	164	48.83	208	36.660	173	68.44	5	57.33	25	61.80	296	47.843	217	60.58	146
20	58.376	126	50.91	230	36.833	144	68.49	12	57.58	15	64.76	315	48.060	184	62.04	139
30	58.502	87	53.21	245	36.977	115	68.37	26	57.73	6	67.91	323	48.244	148	63.43	131
Mai 10	10 58.589	50	55.66	250	10 37.092	87	68.11	37	10 57.79	4	71.14	320	11 48.392	112	64.74	122
19	58.639	13	58.16	247	37.179	57	67.74	45	57.75	13	74.34	307	48.504	75	65.96	110
29	58.652	23	60.63	236	37.236	28	67.29	50	57.62	21	77.41	285	48.579	37	67.06	97
Juni 8	58.629	58	62.99	217	37.264	3	66.79	54	57.41	29	80.26	254	48.616	1	68.03	83
18	58.571	90	65.16	194	37.261	31	66.25	56	57.12	36	82.80	216	48.615	38	68.86	66
28	58.481	120	67.10	165	37.230	60	65.69	56	56.76	42	84.96	173	48.577	74	69.52	47
Juli 8	58.361	147	68.75	132	37.170	85	65.13	56	56.34	47	86.69	126	48.503	107	69.99	27
18	58.214	169	70.07	97	37.085	108	64.57	54	55.87	51	87.95	76	48.396	137	70.26	6
28	58.045	187	71.04	58	36.977	127	64.03	52	55.36	54	88.71	23	48.259	160	70.32	17
Aug. 7	57.858	198	71.62	19	36.850	140	63.51	49	54.82	55	88.94	28	48.099	177	70.15	39
17	57.660	204	71.81	22	36.710	147	63.02	44	54.27	55	88.66	81	47.922	186	69.76	62
27	57.456	200	71.59	62	36.563	146	62.58	39	53.72	53	87.85	133	47.736	184	69.14	82
Sept. 6	57.256	190	70.97	102	36.417	137	62.19	30	53.19	50	86.52	180	47.552	171	68.32	99
16	57.066	169	69.95	141	36.280	119	61.89	20	52.69	46	84.72	226	47.381	150	67.33	113
26	56.897	140	68.54	179	36.161	92	61.69	7	52.23	40	82.46	268	47.231	116	66.20	123
Okt. 6	56.757	103	66.75	213	36.069	57	61.62	8	51.83	33	79.78	305	47.115	72	64.97	126
16	56.654	58	64.62	246	36.012	16	61.70	26	51.50	25	76.73	335	47.043	21	63.71	123
26	56.596	8	62.16	272	35.996	32	61.96	45	51.25	14	73.38	358	47.022	36	62.48	114
Nov. 5	56.588	47	59.44	294	36.028	82	62.41	67	51.11	4	69.80	374	47.058	97	61.34	99
15	56.635	104	56.50	309	36.110	132	63.08	89	51.07	6	66.06	380	47.155	158	60.35	79
25	56.739	159	53.41	317	36.242	181	63.97	110	51.13	18	62.26	375	47.313	217	59.56	53
Dez. 5	56.898	210	50.24	314	36.423	225	65.07	128	51.31	29	58.51	360	47.530	269	59.03	25
15	57.108	256	47.10	303	36.648	262	66.35	143	51.60	38	54.91	334	47.799	313	58.78	4
25	57.364	294	44.07	281	36.910	292	67.78	153	51.98	48	51.57	297	48.112	348	58.82	35
35	57.658		41.26		37.202		69.31		52.46		48.60		48.460		59.17	
Mittl. Ort	55.358		69.20		33.596		53.00		53.78		81.98		44.236		50.47	
sec δ, tg δ	1.200		+0.663		1.013		−0.161		2.623		+2.425		1.237		−0.727	
a, a'	+2.4		−13.4		+3.2		−13.3		+0.6		−13.3		+3.8		−13.0	
b, b'	−0.03		+ 0.75		+0.01		+ 0.75		−0.11		+ 0.75		+0.03		+ 0.76	

Scheinbare Sternörter 1936

Tag	569) γ Ursae min. AR.		569) γ Ursae min. Dekl.		568) μ Bootis AR.		568) μ Bootis Dekl.		571) ι Draconis AR.		571) ι Draconis Dekl.		572) β Coron. bor. AR.		572) β Coron. bor. Dekl.	
1936	15h 20m		+72° 3′		15h 22m		+37° 35′		15h 23m		+59° 10′		15h 25m		+29° 19′	
	s		"		s		"		s		"		s		"	
Jan. 1	46.17	60	21.53	270	4.022	315	46.34	273	28.999	408	63.59	283	11.247	300	16.68	262
11	46.77	68	18.83	216	4.337	341	43.61	234	29.407	453	60.76	233	11.547	322	14.06	231
21	47.45	73	16.67	156	4.678	355	41.27	188	29.860	482	58.43	176	11.869	334	11.75	189
31	48.18	76	15.11	90	5.033	359	39.39	135	30.342	496	56.67	112	12.203	337	9.86	143
Febr. 10	48.94	76	14.21	22	5.392	352	38.04	78	30.838	493	55.55	46	12.540	330	8.43	91
20	49.70	74	13.99	47	5.744	338	37.26	18	31.331	475	55.09	22	12.870	317	7.52	37
März 1	50.44	69	14.46	111	6.082	314	37.08	40	31.806	444	55.31	87	13.187	295	7.15	17
11	51.13	61	15.57	172	6.396	285	37.48	96	32.250	400	56.18	148	13.482	270	7.32	68
21	51.74	52	17.29	224	6.681	252	38.44	145	32.650	347	57.66	201	13.752	240	8.00	116
31	52.26	43	19.53	266	6.933	215	39.89	187	32.997	287	59.67	246	13.992	208	9.16	156
Apr. 10	52.69	31	22.19	297	7.148	176	41.76	222	33.284	222	62.13	281	14.200	174	10.72	189
20	53.00	18	25.16	319	7.324	136	43.98	246	33.506	154	64.94	303	14.374	138	12.61	214
30	53.18	6	28.35	326	7.460	95	46.44	262	33.660	85	67.97	316	14.512	103	14.75	230
Mai 10	$_{12}$53.24	5	31.61	325	$_{12}$7.555	54	49.06	267	$_{13}$33.745	17	71.13	318	$_{13}$14.615	67	17.05	238
19	53.19	17	34.86	311	7.609	15	51.73	265	33.762	50	74.31	309	14.682	31	19.43	238
29	53.02	28	37.97	289	7.624	24	54.38	252	33.712	114	77.40	290	14.713	4	21.81	229
Juni 8	52.74	37	40.86	259	7.600	62	56.90	235	33.598	172	80.30	264	14.709	38	24.10	215
18	52.37	47	43.45	221	7.538	97	59.25	209	33.426	226	82.94	231	14.671	70	26.25	194
28	51.90	54	45.66	179	7.441	130	61.34	178	33.200	275	85.25	190	14.601	101	28.19	168
Juli 8	51.36	60	47.45	131	7.311	159	63.12	144	32.925	315	87.15	147	14.500	130	29.87	139
18	50.76	66	48.76	80	7.152	183	64.56	107	32.610	349	88.62	99	14.370	153	31.26	107
28	50.10	69	49.56	29	6.969	203	65.63	65	32.261	374	89.61	50	14.217	173	32.33	71
Aug. 7	49.41	70	49.85	24	6.766	216	66.28	24	31.887	389	90.11	1	14.044	186	33.04	35
17	48.71	71	49.61	77	6.550	223	66.52	19	31.498	394	90.10	53	13.858	194	33.39	3
27	48.00	69	48.84	128	6.327	221	66.33	62	31.104	387	89.57	104	13.664	194	33.36	42
Sept. 6	47.31	65	47.56	177	6.106	211	65.71	105	30.717	369	88.53	152	13.470	185	32.94	80
16	46.66	60	45.79	223	5.895	190	64.66	145	30.348	338	87.01	199	13.285	167	32.14	117
26	46.06	53	43.56	264	5.705	162	63.21	186	30.010	297	85.02	242	13.118	141	30.97	154
Okt. 6	45.53	45	40.92	302	5.543	124	61.35	222	29.713	242	82.60	281	12.977	106	29.43	189
16	45.08	35	37.90	332	5.419	79	59.13	255	29.471	178	79.79	314	12.871	65	27.54	221
26	44.73	22	34.58	356	5.340	27	56.58	283	29.293	104	76.65	341	12.806	15	25.33	248
Nov. 5	44.51	10	31.02	372	5.313	30	53.75	306	29.189	24	73.24	361	12.791	37	22.85	273
15	44.41	3	27.30	378	5.343	89	50.69	322	29.165	61	69.63	371	12.828	92	20.12	289
25	44.44	17	23.52	374	5.432	146	47.47	328	29.226	146	65.92	372	12.920	145	17.23	300
Dez. 5	44.61	30	19.78	359	5.578	201	44.19	326	29.372	228	62.20	361	13.065	196	14.23	302
15	44.91	43	16.19	333	5.779	251	40.93	313	29.600	304	58.59	339	13.261	241	11.21	294
25	45.34	54	12.86	296	6.030	292	37.80	291	29.904	371	55.20	307	13.502	278	8.27	276
35	45.88		9.90		6.322		34.89		30.275		52.13		13.780		5.51	
Mittl. Ort	48.90		42.16		4.332		62.34		30.205		82.90		11.413		30.80	
sec δ, tg δ	3.247		+3.089		1.262		+0.770		1.952		+1.677		1.147		+0.562	
a, a′	−0.1		−12.8		+2.3		−12.7		+1.3		−12.6		+2.5		−12.5	
b, b′	−0.13		+ 0.77		−0.03		+ 0.77		−0.07		+ 0.78		−0.02		+ 0.78	

Tag	573) ν¹ Bootis AR.	Δ	Dekl.	Δ	575) γ Lupi AR.	Δ	Dekl.	Δ	577) γ Librae AR.	Δ	Dekl.	Δ	578) α Coron. bor. AR.	Δ	Dekl.	Δ
1936	$15^h\ 28^m$		$+41°\ 2'$		$15^h\ 30^m$		$-40°\ 57'$		$15^h\ 31^m$		$-14°\ 34'$		$15^h\ 31^m$		$+26°\ 55'$	
	s		"		s		"		s		"		s		"	
Jan. 1	37.359	318	44.75	280	52.052	382	8.50	20	56.697	307	41.69	129	58.490	293	30.93	261
11	37.677	347	41.95	241	52.434	403	8.70	50	57.004	323	42.98	136	58.783	316	28.32	231
21	38.024	364	39.54	193	52.837	413	9.20	77	57.327	332	44.34	137	59.099	328	26.01	193
31	38.388	370	37.61	137	53.250	414	9.97	100	57.659	331	45.71	133	59.427	332	24.08	148
Febr. 10	38.758	366	36.24	78	53.664	404	10.97	119	57.990	323	47.04	124	59.759	327	22.60	98
20	39.124	351	35.46	17	54.068	389	12.16	135	58.313	310	48.28	111	60.086	314	21.62	45
März 1	39.475	330	35.29	43	54.457	367	13.51	147	58.623	292	49.39	96	60.400	295	21.17	6
11	39.805	300	35.72	101	54.824	341	14.98	154	58.915	271	50.35	78	60.695	271	21.23	57
21	40.105	266	36.73	152	55.165	312	16.52	160	59.186	247	51.13	61	60.966	242	21.80	104
31	40.371	228	38.25	196	55.477	280	18.12	161	59.433	221	51.74	43	61.208	213	22.84	145
Apr. 10	40.599	188	40.21	232	55.757	246	19.73	160	59.654	195	52.17	27	61.421	180	24.29	178
20	40.787	145	42.53	257	56.003	211	21.33	158	59.849	167	52.44	13	61.601	146	26.07	203
30	40.932	101	45.10	274	56.214	173	22.91	153	60.016	138	52.57	0	61.747	111	28.10	221
Mai 10	41.033	59	47.84	280	56.387	135	24.44	145	60.154	109	52.57	9	61.858	77	30.31	229
19	41.092	15	50.64	277	56.522	94	25.89	136	60.263	78	52.48	17	61.935	42	32.60	231
29	41.107	26	53.41	265	56.616	52	27.25	124	60.341	47	52.31	24	61.977	7	34.91	224
Juni 8	41.081	66	56.06	246	56.668	10	28.49	110	60.388	15	52.07	30	61.984	26	37.15	211
18	41.015	105	58.52	221	56.678	32	29.59	93	60.403	17	51.77	33	61.958	60	39.26	192
28	40.910	139	60.73	188	56.646	72	30.52	73	60.386	48	51.44	36	61.898	90	41.18	168
Juli 8	40.771	170	62.61	152	56.574	110	31.25	50	60.338	77	51.08	39	61.808	119	42.86	141
18	40.601	197	64.13	113	56.464	144	31.75	27	60.261	103	50.69	42	61.689	145	44.27	110
28	40.404	219	65.26	71	56.320	172	32.02	1	60.158	126	50.27	44	61.544	164	45.37	76
Aug. 7	40.185	233	65.97	27	56.148	192	32.03	26	60.032	142	49.83	45	61.380	180	46.13	42
17	39.952	240	66.24	18	55.956	203	31.77	52	59.890	152	49.38	46	61.200	188	46.55	5
27	39.712	240	66.06	63	55.753	205	31.25	77	59.738	154	48.92	45	61.012	189	46.60	31
Sept. 6	39.472	229	65.43	107	55.548	193	30.48	100	59.584	148	48.47	43	60.823	182	46.29	69
16	39.243	211	64.36	150	55.355	172	29.48	120	59.436	131	48.04	38	60.641	166	45.60	106
26	39.032	180	62.86	191	55.183	139	28.28	134	59.305	107	47.66	31	60.475	140	44.54	141
Okt. 6	38.852	143	60.95	229	55.044	93	26.94	143	59.198	72	47.35	20	60.335	107	43.13	175
16	38.709	96	58.66	264	54.951	40	25.51	146	59.126	31	47.15	6	60.228	66	41.38	207
26	38.613	42	56.02	292	54.911	21	24.05	142	59.095	17	47.09	10	60.162	19	39.31	236
Nov. 5	38.571	16	53.10	316	54.932	85	22.63	130	59.112	67	47.19	29	60.143	33	36.95	260
15	38.587	77	49.94	331	55.017	150	21.33	112	59.179	119	47.48	49	60.176	87	34.35	278
25	38.664	139	46.63	338	55.167	213	20.21	89	59.298	170	47.97	70	60.263	139	31.57	291
Dez. 5	38.803	195	43.25	336	55.380	270	19.32	62	59.468	215	48.67	90	60.402	190	28.66	293
15	38.998	248	39.89	322	55.650	319	18.70	32	59.683	256	49.57	108	60.592	234	25.73	288
25	39.246	292	36.67	299	55.969	359	18.38	1	59.939	287	50.65	122	60.826	271	22.85	274
35	39.538		33.68		56.328		18.37		60.226		51.87		61.097		20.11	
Mittl. Ort	37.802		61.02		51.993		11.73		56.550		38.66		58.656		44.19	
sec δ, tg δ	1.326		+0.871		1.324		−0.868		1.033		−0.260		1.122		+0.508	
a, *a'*	+2.2		−12.3		+4.0		−12.1		+3.4		−12.1		+2.5		−12.1	
b, *b'*	−0.04		+0.79		+0.04		+0.80		+0.01		+0.80		−0.02		+0.80	

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Tag	582) α Serpentis AR.		582) α Serpentis Dekl.	
1936	$15^h\ 41^m$ s		$+6°\ 37'$ ″	
Jan. 1	6.853	281	24.41	205
11	7.134	302	22.36	193
21	7.436	312	20.43	174
31	7.748	314	18.69	146
Febr. 10	8.062	309	17.23	116
20	8.371	298	16.07	81
März 1	8.669	282	15.26	45
11	8.951	262	14.81	8
21	9.213	239	14.73	27
31	9.452	214	15.00	58
Apr. 10	9.666	187	15.58	84
20	9.853	160	16.42	107
30	10.013	131	17.49	124
Mai 10	10.144	101	18.73	134
19	[17] 10.245	71	20.07	139
29	10.316	40	21.46	140
Juni 8	10.356	9	22.86	136
18	10.365	22	24.22	128
28	10.343	52	25.50	118
Juli 8	10.291	81	26.68	104
18	10.210	106	27.72	88
28	10.104	128	28.60	71
Aug. 7	9.976	145	29.31	52
17	9.831	155	29.83	32
27	9.676	159	30.15	12
Sept. 6	9.517	154	30.27	11
16	9.363	140	30.16	34
26	9.223	118	29.82	57
Okt. 6	9.105	87	29.25	81
16	9.018	49	28.44	106
26	8.969	5	27.38	131
Nov. 5	8.964	44	26.07	153
15	9.008	93	24.54	174
25	9.101	142	22.80	191
Dez. 5	9.243	189	20.89	203
15	9.432	228	18.86	208
25	9.660	262	16.78	209
35	9.922		14.69	
Mittl. Ort	6.832		32.62	
sec δ, tg δ	1.007		+0.116	
a, a′	+2.9		—11.4	
b, b′	0.00		+ 0.82	

Tag	583) β Serpentis AR.		583) β Serpentis Dekl.	
1936	$15^h\ 43^m$ s		$+15°\ 36'$ ″	
Jan. 1	13.909	280	64.77	234
11	14.189	300	62.43	215
21	14.489	313	60.28	186
31	14.802	317	58.42	151
Febr. 10	15.119	313	56.91	112
20	15.432	302	55.79	69
März 1	15.734	286	55.10	24
11	16.020	265	54.86	19
21	16.285	242	55.05	60
31	16.527	215	55.65	96
Apr. 10	16.742	188	56.61	128
20	16.930	158	57.89	152
30	17.088	128	59.41	170
Mai 10	17.216	97	61.11	181
19	[18] 17.313	65	62.92	185
29	17.378	33	64.77	183
Juni 8	17.411	0	66.60	176
18	17.411	31	68.36	163
28	17.380	62	69.99	147
Juli 8	17.318	91	71.46	127
18	17.227	117	72.73	104
28	17.110	139	73.77	80
Aug. 7	16.971	156	74.57	53
17	16.815	167	75.10	25
27	16.648	170	75.35	3
Sept. 6	16.478	165	75.32	33
16	16.313	152	74.99	62
26	16.161	129	74.37	92
Okt. 6	16.032	98	73.45	121
16	15.934	60	72.24	151
26	15.874	16	70.73	177
Nov. 5	15.858	33	68.96	201
15	15.891	84	66.95	222
25	15.975	134	64.73	237
Dez. 5	16.109	182	62.36	246
15	16.291	223	59.90	248
25	16.514	258	57.42	241
35	16.772		55.01	
Mittl. Ort	13.982		75.02	
sec δ, tg δ	1.038		+0.280	
a, a′	+2.8		—11.3	
b, b′	—0.01		+ 0.83	

Tag	584) κ Serpentis AR.		584) κ Serpentis Dekl.	
1936	$15^h\ 45^m$ s		$+18°\ 19'$ ″	
Jan. 1	51.377	277	65.82	242
11	51.654	300	63.40	220
21	51.954	314	61.20	191
31	52.268	318	59.29	153
Febr. 10	52.586	315	57.76	111
20	52.901	304	56.65	66
März 1	53.205	289	55.99	19
11	53.494	269	55.80	26
21	53.763	244	56.06	70
31	54.007	218	56.76	107
Apr. 10	54.225	190	57.83	140
20	54.415	160	59.23	165
30	54.575	129	60.88	183
Mai 10	54.704	98	62.71	195
19	[18] 54.802	64	64.66	199
29	54.866	32	66.65	196
Juni 8	54.898	1	68.61	187
18	54.897	34	70.48	174
28	54.863	65	72.22	156
Juli 8	54.798	95	73.78	135
18	54.703	121	75.13	109
28	54.582	143	76.22	83
Aug. 7	54.439	161	77.05	55
17	54.278	172	77.60	24
27	54.106	175	77.84	6
Sept. 6	53.931	171	77.78	38
16	53.760	157	77.40	69
26	53.603	136	76.71	102
Okt. 6	53.467	104	75.69	132
16	53.363	67	74.37	162
26	53.296	21	72.75	189
Nov. 5	53.275	27	70.86	214
15	53.302	79	68.72	236
25	53.381	129	66.36	249
Dez. 5	53.510	178	63.87	258
15	53.688	220	61.29	259
25	53.908	256	58.70	250
35	54.164		56.20	
Mittl. Ort	51.492		76.58	
sec δ, tg δ	1.054		+0.331	
a, a′	+2.7		—11.1	
b, b′	—0.01		+ 0.83	

Tag	585) μ Serpentis AR.		585) μ Serpentis Dekl.	
1936	$15^h\ 46^m$ s		$-3°\ 14'$ ″	
Jan. 1	16.719	284	14.38	168
11	17.003	303	16.06	165
21	17.306	314	17.71	155
31	17.620	317	19.26	138
Febr. 10	17.937	312	20.64	118
20	18.249	301	21.82	93
März 1	18.550	286	22.75	66
11	18.836	267	23.41	38
21	19.103	246	23.79	11
31	19.349	221	23.90	14
Apr. 10	19.570	196	23.76	37
20	19.766	170	23.39	55
30	19.936	143	22.84	70
Mai 10	20.079	113	22.14	80
19	[19] 20.192	83	21.34	87
29	20.275	52	20.47	90
Juni 8	20.327	21	19.57	90
18	20.348	11	18.67	87
28	20.337	42	17.80	83
Juli 8	20.295	71	16.97	76
18	20.224	99	16.21	68
28	20.125	121	15.53	60
Aug. 7	20.004	140	14.93	50
17	19.864	151	14.43	39
27	19.713	156	14.04	27
Sept. 6	19.557	151	13.77	14
16	19.406	139	13.63	0
26	19.267	116	13.63	17
Okt. 6	19.151	86	13.80	34
16	19.065	47	14.14	53
26	19.018	3	14.67	75
Nov. 5	19.015	45	15.42	95
15	19.060	96	16.37	115
25	19.156	145	17.52	133
Dez. 5	19.301	190	18.85	149
15	19.491	232	20.34	160
25	19.723	263	21.94	166
35	19.986		23.60	
Mittl. Ort	16.660		8.68	
sec δ, tg δ	1.002		—0.056	
a, a′	+3.1		—11.0	
b, b′	0.00		+ 0.83	

Tag	590) ζ Ursae min. AR.	Δ	590) ζ Ursae min. Dekl.	Δ	588) ε Serpentis AR.	Δ	588) ε Serpentis Dekl.	Δ
1936	15h 46m		+77° 59′		15h 47m		+4° 39′	
	s		″		s		″	
Jan. 1	12.80	74	13.33	283	37.438	278	61.10	197
11	13.54	88	10.50	234	37.716	299	59.13	188
21	14.42	99	8.16	177	38.015	310	57.25	169
31	15.41	105	6.39	114	38.325	313	55.56	145
Febr. 10	16.46	108	5.25	46	38.638	310	54.11	116
20	17.54	108	4.79	21	38.948	299	52.95	84
März 1	18.62	102	5.00	88	39.247	285	52.11	49
11	19.64	94	5.88	150	39.532	265	51.62	14
21	20.58	83	7.38	204	39.797	243	51.48	20
31	21.41	68	9.42	251	40.040	219	51.68	50
Apr. 10	22.09	52	11.93	287	40.259	194	52.18	76
20	22.61	35	14.80	311	40.453	166	52.94	98
30	22.96	16	17.91	326	40.619	138	53.92	114
Mai 10	23.12	2	21.17	327	40.757	109	55.06	125
19*)	23.10	20	24.44	320	40.866	79	56.31	132
29	22.90	37	27.64	302	40.945	48	57.63	132
Juni 8	22.53	53	30.66	276	40.993	16	58.95	129
18	22.00	67	33.42	242	41.009	16	60.24	123
28	21.33	80	35.84	202	40.993	46	61.47	112
Juli 8	20.53	91	37.86	158	40.947	76	62.59	101
18	19.62	99	39.44	109	40.871	102	63.60	87
28	18.63	106	40.53	58	40.769	125	64.47	71
Aug. 7	17.57	109	41.11	7	40.644	143	65.18	54
17	16.48	111	41.18	46	40.501	155	65.72	35
27	15.37	110	40.72	98	40.346	159	66.07	16
Sept. 6	14.27	106	39.74	147	40.187	155	66.23	4
16	13.21	100	38.27	194	40.032	142	66.19	25
26	12.21	91	36.33	238	39.890	121	65.94	47
Okt. 6	11.30	80	33.95	277	39.769	91	65.47	71
16	10.50	65	31.18	312	39.678	53	64.76	94
26	9.85	50	28.06	338	39.625	9	63.82	118
Nov. 5	9.35	32	24.68	358	39.616	38	62.64	140
15	9.03	13	21.10	370	39.654	89	61.24	161
25	8.90	7	17.40	370	39.743	137	59.63	178
Dez. 5	8.97	27	13.70	360	39.880	184	57.85	191
15	9.24	46	10.10	339	40.064	224	55.94	199
25	9.70	65	6.71	306	40.288	258	53.95	199
35	10.35		3.65		40.546		51.96	
Mittl. Ort	18.09		32.18		37.431		68.66	
sec δ, tg δ	4.807		+4.702		1.003		+0.082	
a, *a′*	−2.2		−11.0		+3.0		−10.9	
b, *b′*	−0.17		+ 0.83		0.00		+ 0.84	

Tag	589) β Triang. austr. AR.	Δ	589) β Triang. austr. Dekl.	Δ	593) ε Coron. bor. AR.	Δ	593) ε Coron. bor. Dekl.	Δ
1936	15h 49m		−63° 13′		15h 54m		+27° 3′	
	s		″		s		″	
Jan. 1	28.54	56	60.50	92	55.915	275	31.15	267
11	29.10	61	59.58	50	56.190	302	28.48	239
21	29.71	63	59.08	7	56.492	318	26.09	203
31	30.34	65	59.01	35	56.810	327	24.06	159
Febr. 10	30.99	64	59.36	75	57.137	326	22.47	110
20	31.63	63	60.11	112	57.463	318	21.37	58
März 1	32.26	61	61.23	144	57.781	303	20.79	4
11	32.87	56	62.67	173	58.084	283	20.75	47
21	33.43	52	64.40	197	58.367	259	21.22	96
31	33.95	48	66.37	218	58.626	231	22.18	139
Apr. 10	34.43	42	68.55	232	58.857	201	23.57	175
20	34.85	36	70.87	244	59.058	168	25.32	203
30	35.21	29	73.31	250	59.226	135	27.35	224
Mai 10	35.50	23	75.81	251	59.361	101	29.59	236
19*)	35.73	15	78.32	246	59.462	65	31.95	239
29	35.88	8	80.78	237	59.527	28	34.34	235
Juni 8	35.96	0	83.15	221	59.555	8	36.69	224
18	35.96	7	85.36	200	59.547	42	38.93	208
28	35.89	15	87.36	174	59.505	77	41.01	185
Juli 8	35.74	21	89.10	143	59.428	108	42.86	158
18	35.53	27	90.53	106	59.320	137	44.44	128
28	35.26	32	91.59	66	59.183	162	45.72	95
Aug. 7	34.94	36	92.25	24	59.021	180	46.67	60
17	34.58	38	92.49	21	58.841	193	47.27	24
27	34.20	38	92.28	65	58.648	197	47.51	14
Sept. 6	33.82	37	91.63	108	58.451	193	47.37	51
16	33.45	34	90.55	148	58.258	181	46.86	89
26	33.11	28	89.07	182	58.077	159	45.97	126
Okt. 6	32.83	22	87.25	211	57.918	129	44.71	161
16	32.61	14	85.14	230	57.789	89	43.10	195
26	32.47	3	82.84	241	57.700	44	41.15	225
Nov. 5	32.44	6	80.43	243	57.656	7	38.90	251
15	32.50	17	78.00	234	57.663	60	36.39	273
25	32.67	27	75.66	217	57.723	114	33.66	286
Dez. 5	32.94	37	73.49	190	57.837	165	30.80	293
15	33.31	45	71.59	157	58.002	212	27.87	290
25	33.76	53	70.02	120	58.214	251	24.97	278
35	34.29		68.82		58.465		22.19	
Mittl. Ort	29.11		66.97		56.204		43.30	
sec δ, tg δ	2.221		−1.983		1.123		+0.511	
a, *a′*	+5.3		−10.8		+2.5		−10.4	
b, *b′*	+0.07		+ 0.84		−0.02		+ 0.85	

*) Bei Stern 593) lies Mai 20

Scheinbare Sternörter 1936

Tag	594) δ Scorpii AR.		594) δ Scorpii Dekl.		598) ϑ Draconis AR.		598) ϑ Draconis Dekl.		597) β Scorpii AR.		597) β Scorpii Dekl.		603) δ Ophiuchi AR.		603) δ Ophiuchi Dekl.	
1936	15h 56m		−22° 26′		16h 0m		+58° 43′		16h 1m		−19° 37′		16h 10m		−3° 31′	
	s		″		s		″		s		″		s		″	
Jan. 1	32.748	305	29.54	81	39.680	352	52.08	308	42.728	296	56.44	90	59.336	268	56.82	159
11	33.053	327	30.35	93	40.032	406	49.00	265	43.024	319	57.34	100	59.604	291	58.41	156
21	33.380	340	31.28	102	40.438	446	46.35	213	43.343	331	58.34	106	59.895	305	59.97	147
31	33.720	343	32.30	106	40.884	473	44.22	153	43.674	336	59.40	108	60.200	312	61.44	132
Febr. 10	34.063	340	33.36	107	41.357	483	42.69	88	44.010	334	60.48	104	60.512	312	62.76	111
20	34.403	331	34.43	102	41.840	478	41.81	21	44.344	326	61.52	98	60.824	305	63.87	88
März 1	34.734	316	35.45	95	42.318	460	41.60	47	44.670	312	62.50	88	61.129	294	64.75	61
11	35.050	297	36.40	87	42.778	428	42.07	111	44.982	294	63.38	76	61.423	278	65.36	33
21	35.347	276	37.27	76	43.206	387	43.18	170	45.276	274	64.14	64	61.701	260	65.69	6
31	35.623	253	38.03	66	43.593	336	44.88	222	45.550	252	64.78	51	61.961	240	65.75	19
Apr. 10	35.876	228	38.69	56	43.929	278	47.10	263	45.802	227	65.29	39	62.201	216	65.56	42
20	36.104	200	39.25	46	44.207	215	49.73	294	46.029	201	65.68	28	62.417	192	65.14	60
30	36.304	172	39.71	37	44.422	150	52.67	315	46.230	173	65.96	19	62.609	165	64.54	75
Mai 10	36.476	141	40.08	29	44.572	82	55.82	326	46.403	143	66.15	11	62.774	137	63.79	86
20	36.617	108	40.37	23	44.654	14	59.08	324	46.546	111	66.26	5	62.911	106	62.93	92
	21				22				23				25			
29	36.725	74	40.60	17	44.668	53	62.32	314	46.657	78	66.31	1	63.017	75	62.01	95
Juni 8	36.799	39	40.77	11	44.615	116	65.46	295	46.735	43	66.30	5	63.092	42	61.06	94
18	36.838	3	40.88	5	44.499	177	68.41	267	46.778	7	66.25	9	63.134	8	60.12	92
28	36.841	32	40.93	1	44.322	234	71.08	233	46.785	28	66.16	14	63.142	25	59.20	86
Juli 8	36.809	67	40.92	8	44.088	283	73.41	193	46.757	62	66.02	18	63.117	58	58.34	79
18	36.742	98	40.84	16	43.805	325	75.34	149	46.695	93	65.84	23	63.059	87	57.55	71
28	36.644	125	40.68	23	43.480	361	76.83	101	46.602	121	65.61	28	62.972	115	56.84	61
Aug. 7	36.519	146	40.45	31	43.119	386	77.84	51	46.481	143	65.33	33	62.857	136	56.23	52
17	36.373	161	40.14	39	42.733	402	78.35	1	46.338	158	65.00	38	62.721	152	55.71	40
27	36.212	168	39.75	47	42.331	406	78.36	51	46.180	165	64.62	43	62.569	160	55.31	29
Sept. 6	36.044	164	39.28	52	41.925	397	77.85	101	46.015	163	64.19	46	62.409	160	55.02	16
16	35.880	152	38.76	56	41.528	377	76.84	151	45.852	151	63.73	46	62.249	150	54.86	2
26	35.728	128	38.20	57	41.151	343	75.33	198	45.701	129	63.27	45	62.099	132	54.84	13
Okt. 6	35.600	95	37.63	54	40.808	297	73.35	242	45.572	98	62.82	41	61.967	104	54.97	30
16	35.505	54	37.09	48	40.511	239	70.93	281	45.474	58	62.41	33	61.863	68	55.27	48
26	35.451	6	36.61	37	40.272	171	68.12	314	45.416	12	62.08	22	61.795	25	55.75	68
Nov. 5	35.445	46	36.24	24	40.101	94	64.98	341	45.404	40	61.86	8	61.770	22	56.43	87
15	35.491	101	36.00	7	40.007	13	61.57	359	45.444	93	61.78	10	61.792	72	57.30	106
25	35.592	154	35.93	13	39.994	73	57.98	368	45.537	146	61.88	28	61.864	121	58.36	125
Dez. 5	35.746	203	36.06	32	40.067	157	54.30	365	45.683	194	62.16	47	61.985	168	59.61	139
15	35.949	247	36.38	51	40.224	237	50.65	353	45.877	238	62.63	65	62.153	211	61.00	151
25	36.196	284	36.89	70	40.461	309	47.12	328	46.115	275	63.28	80	62.364	246	62.51	157
35	36.480		37.59		40.770		43.84		46.390		64.08		62.610		64.08	
Mittl. Ort	32.693		28.39		41.238		68.53		42.689		54.65		59.366		51.63	
sec δ, tg δ	1.082		−0.413		1.927		+1.647		1.062		−0.357		1.002		−0.062	
a, *a′*	+3.5		−10.3		+1.2		−10.0		+3.5		−9.9		+3.1		−9.2	
b, *b′*	+0.01		+ 0.86		−0.05		+ 0.87		+0.01		+0.87		0.00		+0.89	

Tag		606) 19 Ursae min. AR.		606) Dekl.		605) ε Ophiuchi AR.		605) Dekl.		604) γ^2 Normae AR.		604) Dekl.		608) τ Herculis AR.		608) Dekl.	
1936		$16^h\ 12^m$		$+76°\ 1'$		$16^h\ 14^m$		$-4°\ 32'$		$16^h\ 15^m$		$-49°\ 59'$		$16^h\ 17^m$		$+46°\ 27'$	
		s		″		s		″		s		″		s		″	
Jan.	1	32.39	57	65.54	306	55.908	266	21.81	153	2.161	397	57.93	66	47.993	282	39.76	310
	11	32.96	70	62.48	262	56.174	290	23.34	151	2.558	432	57.27	34	48.275	323	36.66	275
	21	33.66	81	59.86	210	56.464	304	24.85	142	2.990	456	56.93	3	48.598	355	33.91	229
	31	34.47	89	57.76	149	56.768	313	26.27	128	3.446	468	56.90	27	48.953	376	31.62	176
Febr.	10	35.36	93	56.27	84	57.081	312	27.55	110	3.914	470	57.17	55	49.329	385	29.86	117
	20	36.29	94	55.43	15	57.393	306	28.65	86	4.384	463	57.72	80	49.714	383	28.69	53
März	1	37.23	92	55.28	52	57.699	296	29.51	60	4.847	449	58.52	103	50.097	373	28.16	11
	11	38.15	87	55.80	117	57.995	281	30.11	34	5.296	429	59.55	121	50.470	352	28.27	74
	21	39.02	78	56.97	176	58.276	263	30.45	8	5.725	403	60.76	138	50.822	325	29.01	132
	31	39.80	67	58.73	227	58.539	243	30.53	16	6.128	373	62.14	151	51.147	291	30.33	184
Apr.	10	40.47	54	61.00	269	58.782	221	30.37	39	6.501	340	63.65	161	51.438	253	32.17	229
	20	41.01	41	63.69	301	59.003	196	29.98	56	6.841	301	65.26	170	51.691	210	34.46	263
	30	41.42	25	66.70	322	59.199	169	29.42	72	7.142	260	66.96	174	51.901	164	37.09	288
Mai	10	41.67	10	69.92	331	59.368	142	28.70	81	7.402	214	68.70	176	52.065	116	39.97	303
	20	41.77	6	73.23	331	59.510	111	27.89	88	7.616	166	70.46	174	52.181	67	43.00	308
		25				26				26				27			
	29	41.71	21	76.54	319	59.621	79	27.01	91	7.782	115	72.20	170	52.248	17	46.08	303
Juni	8	41.50	36	79.73	299	59.700	47	26.10	91	7.897	61	73.90	160	52.265	32	49.11	290
	18	41.14	49	82.72	270	59.747	12	25.19	88	7.958	6	75.50	148	52.233	80	52.01	268
	28	40.65	61	85.42	236	59.759	22	24.31	83	7.964	49	76.98	131	52.153	125	54.69	240
Juli	8	40.04	72	87.78	195	59.737	54	23.48	77	7.915	99	78.29	110	52.028	167	57.09	207
	18	39.32	81	89.73	149	59.683	85	22.71	69	7.816	148	79.39	84	51.861	206	59.16	168
	28	38.51	88	91.22	101	59.598	113	22.02	60	7.668	190	80.23	56	51.655	238	60.84	125
Aug.	7	37.63	93	92.23	50	59.485	135	21.42	51	7.478	224	80.79	26	51.417	263	62.09	80
	17	36.70	96	92.73	2	59.350	151	20.91	41	7.254	247	81.05	7	51.154	281	62.89	34
	27	35.74	96	92.71	54	59.199	161	20.50	30	7.007	259	80.98	41	50.873	289	63.23	15
Sept.	6	34.78	95	92.17	105	59.038	160	20.20	19	6.748	258	80.57	74	50.584	288	63.08	62
	16	33.83	91	91.12	155	58.878	152	20.01	5	6.490	241	79.83	104	50.296	276	62.46	110
	26	32.92	85	89.57	201	58.726	133	19.96	9	6.249	211	78.79	132	50.020	253	61.36	156
Okt.	6	32.07	76	87.56	245	58.593	106	20.05	25	6.038	168	77.47	154	49.767	220	59.80	200
	16	31.31	65	85.11	284	58.487	71	20.30	42	5.870	112	75.93	170	49.547	176	57.80	241
	26	30.66	51	82.27	316	58.416	28	20.72	60	5.758	46	74.23	179	49.371	124	55.39	277
Nov.	5	30.15	37	79.11	343	58.388	19	21.32	80	5.712	26	72.44	180	49.247	65	52.62	306
	15	29.78	21	75.68	360	58.407	69	22.12	99	5.738	101	70.64	174	49.182	0	49.56	330
	25	29.57	3	72.08	368	58.476	118	23.11	117	5.839	176	68.90	160	49.182	65	46.26	343
Dez.	5	29.54	14	68.40	365	58.594	166	24.28	131	6.015	246	67.30	141	49.247	131	42.83	349
	15	29.68	32	64.75	352	58.760	208	25.59	144	6.261	310	65.89	115	49.378	192	39.34	343
	25	30.00	47	61.23	326	58.968	245	27.03	150	6.571	364	64.74	86	49.570	249	35.91	325
	35	30.47		57.97		59.213		28.53		6.935		63.88		49.819		32.66	
Mittl. Ort		37.35		81.99		55.947		16.90		2.414		61.61		48.956		53.50	
sec δ, tg δ		4.145		+4.023		1.003		−0.079		1.556		−1.192		1.452		+1.053	
a, a′		−1.7		−9.1		+3.2		−8.9		+4.5		−8.9		+1.8		−8.6	
b, b′		−0.12		+0.89		0.00		+0.90		+0.04		+0.90		−0.03		+0.90	

Tag	609) γ Herculis AR.		609) γ Herculis Dekl.		615) η Draconis AR.		615) η Draconis Dekl.		611) γ Apodis AR.		611) γ Apodis Dekl.		616) α Scorpii AR.		616) α Scorpii Dekl.	
1936	$16^h\ 19^m$		$+19°\ 17'$		$16^h\ 23^m$		$+61°\ 39'$		$16^h\ 23^m$		$-78°\ 45'$		$16^h\ 25^m$		$-26°\ 17'$	
	s		″		s		″		s		″		s		″	
Jan. 1	5.455	252	58.37	247	5.15	34	16.57	322	31.42	107	19.58	192	28.707	293	30.63	42
11	5.707	280	55.90	227	5.49	40	13.35	283	32.49	120	17.66	148	29.000	319	31.05	56
21	5.987	299	53.63	199	5.89	45	10.52	233	33.69	131	16.18	101	29.319	338	31.61	68
31	6.286	311	51.64	163	6.34	49	8.19	175	35.00	137	15.17	52	29.657	346	32.29	74
Febr. 10	6.597	312	50.01	121	6.83	52	6.44	112	36.37	140	14.65	3	30.003	348	33.03	79
20	6.909	309	48.80	75	7.35	51	5.32	44	37.77	140	14.62	44	30.351	344	33.82	80
März 1	7.218	299	48.05	28	7.86	51	4.88	25	39.17	137	15.06	89	30.695	334	34.62	77
11	7.517	284	47.77	20	8.37	48	5.13	90	40.54	133	15.95	132	31.029	320	35.39	73
21	7.801	265	47.97	65	8.85	44	6.03	152	41.87	124	17.27	170	31.349	303	36.12	67
31	8.066	243	48.62	106	9.29	39	7.55	207	43.11	115	18.97	204	31.652	282	36.79	62
Apr. 10	8.309	218	49.68	142	9.68	33	9.62	252	44.26	103	21.01	233	31.934	260	37.41	55
20	8.527	190	51.10	170	10.01	27	12.14	289	45.29	90	23.34	258	32.194	234	37.96	50
30	8.717	160	52.80	192	10.28	20	15.03	314	46.19	75	25.92	276	32.428	206	38.46	45
Mai 10	8.877	129	54.72	207	10.48	12	18.17	328	46.94	58	28.68	288	32.634	175	38.91	41
20	9.006	96	56.79	213	10.60	5	21.45	333	47.52	41	31.56	295	32.809	142	39.32	37
	27				28				28				29			
29	9.102	62	58.92	214	10.65	3	24.78	326	47.93	23	34.51	293	32.951	106	39.69	33
Juni 8	9.164	26	61.06	207	10.62	10	28.04	310	48.16	5	37.44	285	33.057	68	40.02	29
18	9.190	9	63.13	194	10.52	17	31.14	287	48.21	14	40.29	270	33.125	29	40.31	25
28	9.181	44	65.07	178	10.35	23	34.01	255	48.07	32	42.99	247	33.154	10	40.56	20
Juli 8	9.137	78	66.85	157	10.12	30	36.56	219	47.75	49	45.46	216	33.144	49	40.76	13
18	9.059	109	68.42	133	9.82	35	38.75	175	47.26	65	47.62	180	33.095	85	40.89	5
28	8.950	137	69.75	105	9.47	39	40.50	129	46.61	77	49.42	137	33.010	118	40.94	3
Aug. 7	8.813	158	70.80	76	9.08	43	41.79	80	45.84	87	50.79	89	32.892	144	40.91	14
17	8.655	175	71.56	45	8.65	45	42.59	29	44.97	95	51.68	38	32.748	165	40.77	24
27	8.480	184	72.01	14	8.20	45	42.88	23	44.02	97	52.06	17	32.583	177	40.53	35
Sept. 6	8.296	185	72.15	19	7.75	46	42.65	74	43.05	97	51.89	71	32.406	178	40.18	45
16	8.111	176	71.96	53	7.29	44	41.91	126	42.08	92	51.18	124	32.228	170	39.73	53
26	7.935	159	71.43	85	6.85	41	40.65	175	41.16	82	49.94	173	32.058	151	39.20	60
Okt. 6	7.776	132	70.58	117	6.44	36	38.90	220	40.34	69	48.21	216	31.907	121	38.60	63
16	7.644	96	69.41	150	6.08	31	36.70	263	39.65	53	46.05	253	31.786	81	37.97	62
26	7.548	55	67.91	178	5.77	24	34.07	300	39.12	32	43.52	279	31.705	35	37.35	58
Nov. 5	7.493	8	66.13	206	5.53	15	31.07	330	38.80	11	40.73	296	31.670	18	36.77	49
15	7.485	43	64.07	228	5.38	7	27.77	353	38.69	12	37.77	301	31.688	72	36.28	37
25	7.528	95	61.79	245	5.31	2	24.24	366	38.81	35	34.76	295	31.760	128	35.91	22
Dez. 5	7.623	143	59.34	257	5.33	11	20.58	369	39.16	57	31.81	278	31.888	180	35.69	5
15	7.766	189	56.77	259	5.44	20	16.89	360	39.73	78	29.03	252	32.068	228	35.64	13
25	7.955	229	54.18	254	5.64	29	13.29	339	40.51	96	26.51	218	32.296	268	35.77	31
35	8.184		51.64		5.93		9.90		41.47		24.33		32.564		36.08	
Mittl. Ort	5.728		67.84		7.19		31.34		34.35		26.01		28.754		30.07	
sec δ, tg δ	1.060		+0.350		2.106		+1.854		5.129		−5.031		1.115		−0.494	
a, *a′*	+2.6		−8.5		+0.8		−8.2		+9.2		−8.2		+3.7		−8.0	
b, *b′*	−0.01		+0.90		−0.05		+0.91		+0.14		+0.91		+0.01		+0.92	

Obere Kulmination Greenwich

Tag	618) β Herculis AR.		618) β Herculis Dekl.		619) *A* Draconis AR.		619) *A* Draconis Dekl.		621) σ Herculis AR.		621) σ Herculis Dekl.		622) ζ Ophiuchi AR.		622) ζ Ophiuchi Dekl.	
1936	16h 27m		+21° 37′		16h 28m		+68° 53′		16h 32m		+42° 33′		16h 33m		−10° 26′	
	s		″		s		″		s		″		s		″	
Jan. 1	27.720	246	30.58	255	2.79	39	69.20	323	1.464	258	52.73	309	37.867	259	23.93	117
11	27.966	275	28.03	235	3.18	48	65.97	283	1.722	299	49.64	278	38.126	285	25.10	120
21	28.241	296	25.68	205	3.66	55	63.14	233	2.021	330	46.86	237	38.411	302	26.30	116
31	28.537	309	23.63	169	4.21	61	60.81	175	2.351	351	44.49	187	38.713	313	27.46	109
Febr. 10	28.846	314	21.94	124	4.82	65	59.06	111	2.702	363	42.62	131	39.026	315	28.55	96
20	29.160	311	20.70	78	5.47	65	57.95	43	3.065	364	41.31	69	39.341	313	29.51	79
März 1	29.471	303	19.92	28	6.12	65	57.52	26	3.429	357	40.62	6	39.654	305	30.30	60
11	29.774	290	19.64	22	6.77	61	57.78	92	3.786	341	40.56	55	39.959	293	30.90	40
21	30.064	271	19.86	68	7.38	57	58.70	154	4.127	319	41.11	114	40.252	278	31.30	18
31	30.335	249	20.54	112	7.95	50	60.24	209	4.446	290	42.25	167	40.530	260	31.48	1
Apr. 10	30.584	226	21.66	149	8.45	42	62.33	255	4.736	257	43.92	212	40.790	240	31.47	18
20	30.810	198	23.15	180	8.87	33	64.88	292	4.993	220	46.04	249	41.030	217	31.29	34
30	31.008	167	24.95	202	9.20	24	67.80	318	5.213	179	48.53	276	41.247	191	30.95	45
Mai 10	31.175	136	26.97	219	9.44	14	70.98	332	5.392	135	51.29	294	41.438	164	30.50	54
20	31.311	102	29.16	225	9.58	4	74.30	336	5.527	89	54.23	301	41.602	134	29.96	60
29*)	31.413	67	31.41	227	9.62	6	77.66	330	5.616	43	57.24	300	41.736	101	29.36	63
Juni 8	31.480	31	33.68	220	9.56	17	80.96	314	5.659	3	60.24	289	41.837	67	28.73	63
18	31.511	6	35.88	207	9.39	26	84.10	290	5.656	50	63.13	271	41.904	31	28.10	61
28	31.505	42	37.95	190	9.13	34	87.00	259	5.606	95	65.84	247	41.935	5	27.49	59
Juli 8	31.463	77	39.85	168	8.79	42	89.59	220	5.511	136	68.31	215	41.930	41	26.90	56
18	31.386	109	41.53	143	8.37	49	91.79	178	5.375	175	70.46	180	41.889	74	26.34	51
28	31.277	138	42.96	114	7.88	55	93.57	131	5.200	209	72.26	140	41.815	105	25.83	47
Aug. 7	31.139	162	44.10	83	7.33	58	94.88	82	4.991	236	73.66	97	41.710	130	25.36	42
17	30.977	180	44.93	51	6.75	62	95.70	29	4.755	256	74.63	53	41.580	151	24.94	37
27	30.797	190	45.44	17	6.13	63	95.99	22	4.499	266	75.16	6	41.429	162	24.57	31
Sept. 6	30.607	191	45.61	17	5.50	63	95.77	74	4.233	269	75.22	41	41.267	165	24.26	26
16	30.416	185	45.44	52	4.87	60	95.03	126	3.964	261	74.81	87	41.102	160	24.00	19
26	30.231	168	44.92	87	4.27	57	93.77	176	3.703	242	73.94	133	40.942	143	23.81	10
Okt. 6	30.063	142	44.05	121	3.70	52	92.01	221	3.461	212	72.61	177	40.799	118	23.71	1
16	29.921	108	42.84	154	3.18	44	89.80	264	3.249	172	70.84	217	40.681	84	23.72	12
26	29.813	66	41.30	184	2.74	36	87.16	301	3.077	125	68.67	255	40.597	42	23.84	26
Nov. 5	29.747	19	39.46	213	2.38	25	84.15	331	2.952	70	66.12	287	40.555	5	24.10	42
15	29.728	32	37.33	236	2.13	14	80.84	354	2.882	10	63.25	313	40.560	55	24.52	59
25	29.760	83	34.97	254	1.99	3	77.30	367	2.872	52	60.12	329	40.615	105	25.11	75
Dez. 5	29.843	133	32.43	265	1.96	9	73.63	370	2.924	113	56.83	338	40.720	153	25.86	90
15	29.976	181	29.78	268	2.05	22	69.93	360	3.037	173	53.45	336	40.873	198	26.76	103
25	30.157	221	27.10	262	2.27	32	66.33	340	3.210	226	50.09	322	41.071	235	27.79	112
35	30.378		24.48		2.59		62.93		3.436		46.87		41.306		28.91	
Mittl. Ort	28.061		40.03		5.93		83.93		2.351		64.91		37.940		20.44	
sec δ, tg δ	1.076		+0.396		2.779		+2.592		1.358		+0.918		1.017		−0.184	
a, a′	+2.6		−7.9		−0.1		−7.8		+1.9		−7.5		+3.3		−7.4	
b, b′	−0.01		+0.92		−0.07		+0.92		−0.02		+0.93		0.00		+0.93	

*) Bei Stern 621) und 622) lies Mai 30

Tag	626) η Herculis AR.		626) η Herculis Dekl.		625) α Triang. austr. AR.		625) α Triang. austr. Dekl.		627) Grb 2377 AR.		627) Grb 2377 Dekl.		628) ε Scorpii AR.		628) ε Scorpii Dekl.	
1936	16h 40m		+39° 2′		16h 41m		−68° 54′		16h 44m		+56° 53′		16h 46m		−34° 10′	
	s		″		s		″		s		″		s		″	
Jan. 1	41.273	244	23.76	306	50.84	59	42.49	177	3.102	277	31.50	330	0.634	294	43.15	14
11	41.517	284	20.70	277	51.43	67	40.72	140	3.379	338	28.20	297	0.928	327	43.01	5
21	41.801	314	17.93	239	52.10	72	39.32	100	3.717	388	25.23	252	1.255	350	43.06	20
31	42.115	335	15.54	191	52.82	77	38.32	59	4.105	424	22.71	199	1.605	363	43.26	35
Febr. 10	42.450	347	13.63	137	53.59	78	37.73	16	4.529	448	20.72	137	1.968	370	43.61	46
20	42.797	349	12.26	79	54.37	80	37.57	24	4.977	457	19.35	72	2.338	370	44.07	55
März 1	43.146	345	11.47	17	55.17	78	37.81	63	5.434	454	18.63	5	2.708	363	44.62	62
11	43.491	331	11.30	43	55.95	76	38.44	100	5.888	439	18.58	63	3.071	352	45.24	66
21	43.822	312	11.73	101	56.71	72	39.44	133	6.327	410	19.21	125	3.423	336	45.90	70
31	44.134	287	12.74	153	57.43	68	40.77	163	6.737	374	20.46	182	3.759	318	46.60	71
Apr. 10	44.421	257	14.27	198	58.11	62	42.40	189	7.111	329	22.28	232	4.077	296	47.31	73
20	44.678	224	16.25	237	58.73	56	44.29	212	7.440	276	24.60	272	4.373	271	48.04	75
30	44.902	185	18.62	264	59.29	48	46.41	230	7.716	219	27.32	303	4.644	242	48.79	75
Mai 10	45.087	146	21.26	283	59.77	40	48.71	243	7.935	157	30.35	322	4.886	209	49.54	75
20	45.233	103	24.09	293	60.17	31	51.14	251	8.092	93	33.57	331	5.095	173	50.29	76
30	[1] 45.336	60	27.02	293	[2] 60.48	21	53.65	253	[2] 8.185	27	36.88	330	[3] 5.268	135	51.05	75
Juni 8	45.396	14	29.95	287	60.69	12	56.18	248	8.212	37	40.18	319	5.403	93	51.80	72
18	45.410	29	32.82	269	60.81	1	58.66	239	8.175	101	43.37	301	5.496	49	52.52	68
28	45.381	74	35.51	244	60.82	9	61.05	221	8.074	162	46.38	273	5.545	4	53.20	62
Juli 8	45.307	115	37.95	217	60.73	19	63.26	197	7.912	218	49.11	240	5.549	40	53.82	54
18	45.192	153	40.12	184	60.54	27	65.23	167	7.694	269	51.51	202	5.509	82	54.36	43
28	45.039	187	41.96	146	60.27	36	66.90	132	7.425	314	53.53	158	5.427	120	54.79	29
Aug. 7	44.852	216	43.42	105	59.91	42	68.22	91	7.111	349	55.11	111	5.307	152	55.08	15
17	44.636	236	44.47	63	59.49	48	69.13	46	6.762	376	56.22	62	5.155	179	55.23	2
27	44.400	249	45.10	18	59.01	50	69.59	1	6.386	391	56.84	12	4.976	194	55.21	20
Sept. 6	44.151	253	45.28	27	58.51	51	69.58	49	5.995	395	56.96	40	4.782	201	55.01	39
16	43.898	246	45.01	73	58.00	49	69.09	97	5.600	387	56.56	91	4.581	195	54.62	55
26	43.652	230	44.28	117	57.51	45	68.12	142	5.213	364	55.65	142	4.386	177	54.07	70
Okt. 6	43.422	202	43.11	160	57.06	38	66.70	182	4.849	330	54.23	189	4.209	149	53.37	82
16	43.220	167	41.51	202	56.68	29	64.88	216	4.519	282	52.34	234	4.060	109	52.55	90
26	43.053	121	39.49	238	56.39	19	62.72	241	4.237	225	50.00	273	3.951	61	51.65	94
Nov. 5	42.932	69	37.11	271	56.20	7	60.31	258	4.012	156	47.27	308	3.890	7	50.71	93
15	42.863	12	34.40	298	56.13	5	57.73	265	3.856	82	44.19	336	3.883	52	49.78	87
25	42.851	46	31.42	317	56.18	18	55.08	262	3.774	2	40.83	354	3.935	112	48.91	76
Dez. 5	42.897	106	28.25	326	56.36	31	52.46	249	3.772	80	37.29	362	4.047	168	48.15	61
15	43.003	162	24.99	328	56.67	43	49.97	228	3.852	158	33.67	359	4.215	221	47.54	45
25	43.165	213	21.71	316	57.10	53	47.69	200	4.010	233	30.08	345	4.436	266	47.09	27
35	43.378		18.55		57.63		45.69		4.243		26.63		4.702		46.82	
Mittl. Ort	42.078		34.87		52.10		47.31		4.861		44.03		0.775		43.62	
sec δ, tg δ	1.288		+0.811		2.780		−2.593		1.831		+1.534		1.209		−0.679	
a, *a′*	+2.1		−6.8		+6.3		−6.7		+1.1		−6.5		+3.9		−6.4	
b, *b′*	−0.02		+0.94		+0.06		+0.94		−0.03		+0.95		+0.01		+0.95	

Tag	629) 49 Herculis				630) ζ² Scorpii				631) ζ Arae				633) κ Ophiuchi			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	16ʰ 49ᵐ		+15° 4′		16ʰ 50ᵐ		−42° 15′		16ʰ 53ᵐ		−55° 53′		16ʰ 54ᵐ		+9° 28′	
	s	Diff.	″	Diff.	s	Diff.	″	Diff.	s	Diff.	″	Diff.	s	Diff.	″	Diff.
Jan. 1	9.647	228	41.28	231	4.128	320	11.60	61	18.383	396	25.84	132	37.989	226	16.92	206
11	9.875	258	38.97	216	4.448	357	10.99	37	18.779	446	24.52	102	38.215	254	14.86	195
21	10.133	281	36.81	193	4.805	384	10.62	15	19.225	483	23.50	72	38.469	277	12.91	177
31	10.414	295	34.88	163	5.189	400	10.47	5	19.708	508	22.78	39	38.746	291	11.14	151
Febr. 10	10.709	304	33.25	126	5.589	409	10.52	26	20.216	523	22.39	9	39.037	299	9.63	120
20	11.013	304	31.99	85	5.998	409	10.78	42	20.739	526	22.30	22	39.336	301	8.43	83
März 1	11.317	299	31.14	41	6.407	404	11.20	57	21.265	521	22.52	50	39.637	297	7.60	45
11	11.616	291	30.73	4	6.811	393	11.77	71	21.786	509	23.02	75	39.934	288	7.15	4
21	11.907	276	30.77	47	7.204	377	12.48	81	22.295	488	23.77	100	40.222	276	7.11	34
31	12.183	259	31.24	88	7.581	357	13.29	91	22.783	462	24.77	121	40.498	260	7.45	71
Apr. 10	12.442	239	32.12	123	7.938	332	14.20	99	23.245	430	25.98	141	40.758	242	8.16	102
20	12.681	215	33.35	152	8.270	304	15.19	107	23.675	392	27.39	156	41.000	219	9.18	130
30	12.896	189	34.87	176	8.574	272	16.26	112	24.067	348	28.95	171	41.219	194	10.48	151
Mai 10	13.085	159	36.63	192	8.846	236	17.38	116	24.415	299	30.66	180	41.413	167	11.99	167
20	13.244	129	38.55	201	9.082	195	18.54	119	24.714	244	32.46	188	41.580	137	13.66	175
30	4 13.373	94	40.56	204	4 9.277	151	19.73	120	5 24.958	185	34.34	190	5 41.717	103	15.41	178
Juni 8	13.467	58	42.60	201	9.428	104	20.93	117	25.143	122	36.24	188	41.820	69	17.19	176
18	13.525	22	44.61	191	9.532	55	22.10	112	25.265	56	38.12	182	41.889	32	18.95	168
28	13.547	14	46.52	178	9.587	5	23.22	104	25.321	11	39.94	170	41.921	4	20.63	157
Juli 8	13.533	52	48.30	160	9.592	45	24.26	92	25.310	75	41.64	153	41.917	41	22.20	142
18	13.481	85	49.90	139	9.547	93	25.18	77	25.235	138	43.17	131	41.876	75	23.62	125
28	13.396	117	51.29	115	9.454	135	25.95	58	25.097	193	44.48	104	41.801	107	24.87	104
Aug. 7	13.279	144	52.44	90	9.319	172	26.53	38	24.904	242	45.52	73	41.694	135	25.91	83
17	13.135	164	53.34	62	9.147	202	26.91	13	24.662	278	46.25	38	41.559	156	26.74	60
27	12.971	178	53.96	33	8.945	219	27.04	12	24.384	303	46.63	1	41.403	171	27.34	35
Sept. 6	12.793	184	54.29	4	8.726	227	26.92	38	24.081	312	46.64	36	41.232	177	27.69	11
16	12.609	180	54.33	26	8.499	221	26.54	63	23.769	304	46.28	75	41.055	175	27.80	14
26	12.429	167	54.07	57	8.278	203	25.91	86	23.465	281	45.53	110	40.880	163	27.66	41
Okt. 6	12.262	144	53.50	87	8.075	171	25.05	105	23.184	240	44.43	141	40.717	141	27.25	67
16	12.118	114	52.63	117	7.904	128	24.00	122	22.944	186	43.02	169	40.576	110	26.58	93
26	12.004	75	51.46	146	7.776	75	22.78	131	22.758	118	41.33	189	40.466	73	25.65	119
Nov. 5	11.929	30	50.00	172	7.701	15	21.47	135	22.640	41	39.44	201	40.393	29	24.46	144
15	11.899	18	48.28	196	7.686	49	20.12	133	22.599	43	37.43	205	40.364	18	23.02	165
25	11.917	68	46.32	215	7.735	115	18.79	126	22.642	126	35.38	203	40.382	67	21.37	184
Dez. 5	11.985	117	44.17	229	7.850	179	17.53	112	22.768	209	33.35	191	40.449	115	19.53	198
15	12.102	162	41.88	235	8.029	237	16.41	95	22.977	285	31.44	173	40.564	160	17.55	207
25	12.264	203	39.53	235	8.266	288	15.46	74	23.262	354	29.71	150	40.724	201	15.48	208
35	12.467		37.18		8.554		14.72		23.616		28.21		40.925		13.40	
Mittl. Ort	9.966		48.61		4.362		13.12		18.925		28.91		38.257		23.19	
sec δ, tg δ	1.036		+0.269		1.351		−0.908		1.783		−1.477		1.014		+0.167	
a, *a′*	+2.7		−6.1		+4.2		−6.0		+5.0		−5.7		+2.9		−5.6	
b, *b′*	−0.01		+0.95		+0.02		+0.95		+0.03		+0.96		0.00		+0.96	

Tag	634) ε Herculis AR.		634) Dekl.		637) η Ophiuchi AR.		637) Dekl.		639) ζ Draconis AR.		639) Dekl.		640) α Herculis AR.		640) Dekl.	
1936	$16^h\ 57^m$		$+31^\circ\ 0'$		$17^h\ 6^m$		$-15^\circ\ 38'$		$17^h\ 8^m$		$+65^\circ\ 47'$		$17^h\ 11^m$		$+14^\circ\ 27'$	
	s		"		s		"		s		"		s		"	
Jan. 1	49.774	220	61.21	287	42.172	239	52.82	74	32.88	27	25.49	342	43.316	208	36.49	225
11	49.994	258	58.34	265	42.411	269	53.56	79	33.15	36	22.07	312	43.524	241	34.24	213
21	50.252	286	55.69	234	42.680	292	54.35	79	33.51	44	18.95	271	43.765	266	32.11	192
31	50.538	306	53.35	192	42.972	306	55.14	76	33.95	50	16.24	220	44.031	284	30.19	165
Febr. 10	50.844	320	51.43	145	43.278	315	55.90	68	34.45	54	14.04	160	44.315	295	28.54	128
20	51.164	325	49.98	91	43.593	318	56.58	58	34.99	57	12.44	96	44.610	300	27.26	89
März 1	51.489	322	49.07	35	43.911	315	57.16	44	35.56	58	11.48	27	44.910	300	26.37	46
11	51.811	313	48.72	21	44.226	309	57.60	30	36.14	57	11.21	41	45.210	294	25.91	2
21	52.124	300	48.93	75	44.535	298	57.90	14	36.71	55	11.62	106	45.504	284	25.89	42
31	52.424	281	49.68	127	44.833	286	58.04	1	37.26	50	12.68	167	45.788	271	26.31	83
Apr. 10	52.705	257	50.95	170	45.119	268	58.03	13	37.76	45	14.35	220	46.059	253	27.14	119
20	52.962	229	52.65	208	45.387	249	57.90	24	38.21	38	16.55	265	46.312	232	28.33	150
30	53.191	199	54.73	237	45.636	226	57.66	33	38.59	31	19.20	300	46.544	207	29.83	175
Mai 10	53.390	164	57.10	258	45.862	199	57.33	38	38.90	22	22.20	325	46.751	181	31.58	192
20	53.554	127	59.68	270	46.061	170	56.95	42	39.12	14	25.45	338	46.932	149	33.50	204
30	53.681	88	62.38	272	46.231	137	56.53	43	39.26	5	28.83	342	47.081	116	35.54	207
Juni 8*)	[6] 53.769	47	65.10	269	[8] 46.368	101	56.10	42	[8] 39.31	4	32.25	336	47.197	80	37.61	206
18	53.816	6	67.79	256	46.469	63	55.68	39	39.27	13	35.61	321	[9] 47.277	43	39.67	198
28	53.822	36	70.35	238	46.532	24	55.29	37	39.14	22	38.82	296	47.320	4	41.65	186
Juli 8	53.786	77	72.73	214	46.556	15	54.92	35	38.92	29	41.78	267	47.324	34	43.51	169
18	53.709	114	74.87	184	46.541	54	54.57	31	38.63	37	44.45	230	47.290	70	45.20	148
28	53.595	148	76.71	153	46.487	89	54.26	29	38.26	42	46.75	188	47.220	105	46.68	126
Aug. 7	53.447	178	78.24	117	46.398	120	53.97	27	37.84	49	48.63	142	47.115	134	47.94	101
17	53.269	201	79.41	78	46.278	146	53.70	25	37.35	52	50.05	93	46.981	159	48.95	74
27	53.068	217	80.19	39	46.132	163	53.45	24	36.83	54	50.98	42	46.822	175	49.69	45
Sept. 6	52.851	223	80.58	3	45.969	172	53.21	24	36.29	56	51.40	10	46.647	185	50.14	17
16	52.628	220	80.55	43	45.797	171	52.97	22	35.73	55	51.30	63	46.462	185	50.31	13
26	52.408	208	80.12	85	45.626	160	52.75	19	35.18	54	50.67	115	46.277	175	50.18	43
Okt. 6	52.200	186	79.27	126	45.466	139	52.56	15	34.64	49	49.52	165	46.102	156	49.75	74
16	52.014	153	78.01	164	45.327	108	52.41	9	34.15	45	47.87	213	45.946	128	49.01	103
26	51.861	113	76.37	200	45.219	68	52.32	2	33.70	37	45.74	256	45.818	92	47.98	132
Nov. 5	51.748	67	74.37	233	45.151	24	52.30	9	33.33	30	43.18	294	45.726	49	46.66	159
15	51.681	15	72.04	261	45.127	26	52.39	21	33.03	20	40.24	326	45.677	3	45.07	184
25	51.666	39	69.43	283	45.153	76	52.60	33	32.83	11	36.98	349	45.674	46	43.23	203
Dez. 5	51.705	93	66.60	295	45.229	126	52.93	46	32.72	0	33.49	361	45.720	95	41.20	219
15	51.798	145	63.65	301	45.355	172	53.39	58	32.72	11	29.88	364	45.815	140	39.01	227
25	51.943	191	60.64	295	45.527	213	53.97	69	32.83	21	26.24	353	45.955	183	36.74	228
35	52.134		57.69		45.740		54.66		33.04		22.71		46.138		34.46	
Mittl. Ort	50.417		70.16		42.314		50.44		35.84		36.09		43.688		42.68	
sec δ, tg δ	1.167		+0.601		1.038		−0.280		2.439		+2.224		1.033		+0.258	
a, *a′*	+2.3		−5.4		+3.4		−4.6		+0.2		−4.5		+2.7		−4.2	
b, *b′*	−0.01		+0.96		0.00		+0.97		−0.03		+0.97		0.00		+0.98	

*) Bei Stern 640) lies Juni 9

Tag		641) δ Herculis AR.		641) δ Herculis Dekl.		643) π Herculis AR.		643) π Herculis Dekl.		644) ϑ Ophiuchi AR.		644) ϑ Ophiuchi Dekl.		645) β Arae AR.		645) β Arae Dekl.	
1936		17ʰ 12ᵐ		+24° 54′		17ʰ 12ᵐ		+36° 52′		17ʰ 18ᵐ		−24° 56′		17ʰ 19ᵐ		−55° 28′	
		s		"		s		"		s		"		s		"	
Jan.	1	23.575	206	41.11	268	48.177	207	40.38	305	4.413	245	15.89	15	57.854	355	16.65	154
	11	23.781	241	38.43	250	48.384	249	37.33	284	4.658	277	16.04	25	58.209	409	15.11	130
	21	24.022	269	35.93	224	48.633	283	34.49	250	4.935	302	16.29	32	58.618	453	13.81	102
	31	24.291	291	33.69	188	48.916	310	31.99	209	5.237	320	16.61	36	59.071	483	12.79	74
Febr.	10	24.582	303	31.81	146	49.226	326	29.90	158	5.557	331	16.97	38	59.554	505	12.05	44
	20	24.885	311	30.35	97	49.552	336	28.32	103	5.888	336	17.35	37	60.059	516	11.61	16
März	1	25.196	310	29.38	46	49.888	338	27.29	43	6.224	335	17.72	33	60.575	516	11.45	11
	11	25.506	306	28.92	7	50.226	333	26.86	16	6.559	330	18.05	28	61.091	512	11.56	38
	21	25.812	294	28.99	58	50.559	320	27.02	75	6.889	321	18.33	23	61.603	498	11.94	62
	31	26.106	279	29.57	106	50.879	302	27.77	130	7.210	309	18.56	18	62.101	479	12.56	86
Apr.	10	26.385	260	30.63	148	51.181	278	29.07	178	7.519	293	18.74	13	62.580	452	13.42	107
	20	26.645	237	32.11	186	51.459	251	30.85	219	7.812	274	18.87	9	63.032	420	14.49	126
	30	26.882	209	33.97	214	51.710	217	33.04	251	8.086	251	18.96	7	63.452	381	15.75	144
Mai	10	27.091	178	36.11	235	51.927	181	35.55	276	8.337	224	19.03	7	63.833	335	17.19	158
	20	27.269	145	38.46	248	52.108	141	38.31	290	8.561	192	19.10	7	64.168	284	18.77	169
	30	27.414	109	40.94	253	52.249	99	41.21	296	8.753	158	19.17	9	64.452	226	20.46	177
Juni	9	9 27.523	70	43.47	251	10 52.348	55	44.17	293	11 8.911	120	19.26	10	11 64.678	164	22.23	181
	18	27.593	30	45.98	241	52.403	9	47.10	281	9.031	80	19.36	11	64.842	98	24.04	180
	28	27.623	11	48.39	226	52.412	36	49.91	264	9.111	37	19.47	13	64.940	31	25.84	173
Juli	8	27.612	51	50.65	205	52.376	80	52.55	239	9.148	6	19.60	12	64.971	37	27.57	161
	18	27.561	88	52.70	181	52.296	122	54.94	209	9.142	48	19.72	11	64.934	103	29.18	145
	28	27.473	124	54.51	151	52.174	160	57.03	175	9.094	87	19.83	8	64.831	164	30.63	123
Aug.	7	27.349	155	56.02	120	52.014	193	58.78	137	9.007	122	19.91	3	64.667	218	31.86	95
	17	27.194	180	57.22	86	51.821	220	60.15	96	8.885	150	19.94	4	64.449	260	32.81	63
	27	27.014	196	58.08	50	51.601	237	61.11	53	8.735	171	19.90	11	64.189	293	33.44	29
Sept.	6	26.818	207	58.58	13	51.364	248	61.64	10	8.564	183	19.79	19	63.896	309	33.73	8
	16	26.611	206	58.71	24	51.116	247	61.74	35	8.381	183	19.60	27	63.587	311	33.65	46
	26	26.405	196	58.47	62	50.869	236	61.39	80	8.198	174	19.33	34	63.276	295	33.19	83
Okt.	6	26.209	177	57.85	100	50.633	216	60.59	125	8.024	152	18.99	39	62.981	262	32.36	117
	16	26.032	147	56.85	136	50.417	184	59.34	166	7.872	122	18.60	43	62.719	215	31.19	147
	26	25.885	111	55.49	171	50.233	145	57.68	206	7.750	81	18.17	44	62.504	153	29.72	172
Nov.	5	25.774	67	53.78	202	50.088	97	55.62	242	7.669	34	17.73	40	62.351	81	28.00	189
	15	25.707	19	51.76	230	49.991	45	53.20	272	7.635	17	17.33	35	62.270	2	26.11	201
	25	25.688	32	49.46	252	49.946	12	50.48	296	7.652	70	16.98	26	62.268	80	24.10	202
Dez.	5	25.720	84	46.94	267	49.958	68	47.52	311	7.722	123	16.72	15	62.348	162	22.08	198
	15	25.804	133	44.27	275	50.026	124	44.41	318	7.845	172	16.57	4	62.510	240	20.10	186
	25	25.937	177	41.52	273	50.150	176	41.23	312	8.017	217	16.53	8	62.750	310	18.24	168
	35	26.114		38.79		50.326		38.11		8.234		16.61		63.060		16.56	
Mittl. Ort		24.126		48.43		49.037		48.82		4.582		14.69		58.453		18.58	
sec δ, tg δ		1.103		+0.464		1.250		+0.750		1.103		−0.465		1.764		−1.453	
a, *a′*		+2.5		−4.1		+2.1		−4.1		+3.7		−3.6		+5.0		−3.5	
b, *b′*		−0.01		+0.98		−0.01		+0.98		+0.01		+0.98		+0.02		+0.98	

Tag	648) δ Arae AR.		648) δ Arae Dekl.		651) α Arae AR.		651) α Arae Dekl.		653) β Draconis AR.		653) β Draconis Dekl.		652) λ Scorpii AR.		652) λ Scorpii Dekl.	
1936	17h 25m		−60° 37′		17h 26m		−49° 49′		17h 28m		+52° 20′		17h 29m		−37° 3′	
	s		"		s		"		s		"		s		"	
Jan. 1	18.14	39	56.24	183	52.956	312	38.94	131	57.493	197	44.82	339	15.285	261	32.53	61
11	18.53	45	54.41	157	53.268	360	37.63	109	57.690	258	41.43	315	15.546	300	31.92	47
21	18.98	51	52.84	129	53.628	398	36.54	87	57.948	310	38.28	281	15.846	331	31.45	33
31	19.49	54	51.55	97	54.026	427	35.67	63	58.258	351	35.47	236	16.177	352	31.12	19
Febr. 10	20.03	57	50.58	65	54.453	446	35.04	39	58.609	383	33.11	181	16.529	368	30.93	6
20	20.60	59	49.93	32	54.899	456	34.65	16	58.992	403	31.30	120	16.897	375	30.87	5
März 1	21.19	59	49.61	0	55.355	459	34.49	6	59.395	413	30.10	55	17.272	378	30.92	13
11	21.78	58	49.61	30	55.814	455	34.55	28	59.808	411	29.55	10	17.650	374	31.05	22
21	22.36	57	49.91	60	56.269	445	34.83	47	60.219	400	29.65	76	18.024	366	31.27	30
31	22.93	55	50.51	88	56.714	430	35.30	65	60.619	378	30.41	137	18.390	355	31.57	36
Apr. 10	23.48	52	51.39	114	57.144	408	35.95	84	60.997	349	31.78	192	18.745	338	31.93	43
20	24.00	49	52.53	137	57.552	381	36.79	99	61.346	311	33.70	239	19.083	317	32.36	49
30	24.49	44	53.90	158	57.933	349	37.78	114	61.657	268	36.09	278	19.400	293	32.85	57
Mai 10	24.93	38	55.48	175	58.282	310	38.92	127	61.925	218	38.87	306	19.693	262	33.42	62
20	25.31	33	57.23	190	58.592	266	40.19	137	62.143	164	41.93	325	19.955	228	34.04	69
30	25.64	26	59.13	200	58.858	216	41.56	146	62.307	107	45.18	333	20.183	188	34.73	74
Juni 9	[13] 25.90	19	61.13	204	[13] 59.074	163	43.02	150	[14] 62.414	47	48.51	333	[14] 20.371	145	35.47	78
18	26.09	11	63.17	204	59.237	105	44.52	150	62.461	14	51.84	323	20.516	98	36.25	80
28	26.20	3	65.21	198	59.342	44	46.02	146	62.447	73	55.07	304	20.614	50	37.05	79
Juli 8	26.23	5	67.19	186	59.386	15	47.48	138	62.374	130	58.11	279	20.664	1	37.84	75
18	26.18	12	69.05	168	59.371	75	48.86	125	62.244	185	60.90	247	20.665	49	38.59	69
28	26.06	19	70.73	144	59.296	131	50.11	107	62.059	234	63.37	210	20.616	93	39.28	59
Aug. 7	25.87	26	72.17	114	59.165	179	51.18	84	61.825	276	65.47	167	20.523	135	39.87	46
17	25.61	30	73.31	79	58.986	219	52.02	58	61.549	311	67.14	123	20.388	170	40.33	30
27	25.31	35	74.10	41	58.767	250	52.60	29	61.238	336	68.37	74	20.218	194	40.63	12
Sept. 6	24.96	36	74.51	1	58.517	267	52.89	4	60.902	351	69.11	25	20.024	209	40.75	8
16	24.60	37	74.52	42	58.250	270	52.85	36	60.551	353	69.36	26	19.815	212	40.67	29
26	24.23	35	74.10	84	57.980	257	52.49	68	60.198	343	69.10	78	19.603	204	40.38	48
Okt. 6	23.88	32	73.26	122	57.723	231	51.81	98	59.855	322	68.32	127	19.399	182	39.90	66
16	23.56	26	72.04	157	57.492	190	50.83	125	59.533	288	67.05	176	19.217	148	39.24	81
26	23.30	19	70.47	187	57.302	137	49.58	146	59.245	243	65.29	221	19.069	105	38.43	94
Nov. 5	23.11	12	68.60	208	57.165	73	48.12	162	59.002	187	63.08	261	18.964	53	37.49	100
15	22.99	2	66.52	222	57.092	5	46.50	170	58.815	125	60.47	297	18.911	3	36.49	103
25	22.97	7	64.30	229	57.087	69	44.80	173	58.690	56	57.50	324	18.914	63	35.46	101
Dez. 5	23.04	17	62.01	225	57.156	141	43.07	168	58.634	15	54.26	341	18.977	122	34.45	94
15	23.21	25	59.76	215	57.297	209	41.39	158	58.649	86	50.85	350	19.099	178	33.51	83
25	23.46	34	57.61	198	57.506	272	39.81	143	58.735	155	47.35	346	19.277	229	32.68	72
35	23.80		55.63		57.778		38.38		58.890		43.89		19.506		31.96	
Mittl. Ort	18.97		58.37		53.408		40.12		59.143		52.86		15.541		32.46	
sec δ, tg δ	2.039		−1.777		1.550		−1.184		1.637		+1.296		1.253		−0.755	
a, a′	+5.4		−3.0		+4.6		−2.9		+1.4		−2.7		+4.1		−2.7	
b, b′	+0.02		+0.99		+0.01		+0.99		−0.01		+0.99		+0.01		+0.99	

Tag	656) α Ophiuchi AR.		656) α Ophiuchi Dekl.		654) ϑ Scorpii AR.		654) ϑ Scorpii Dekl.		658) ξ Serpentis AR.		658) ξ Serpentis Dekl.		664) ω Draconis AR.		664) ω Draconis Dekl.	
1936	17h 31m		+12° 36′		17h 32m		−42° 57′		17h 33m		−15° 21′		17h 37m		+68° 46′	
	s		″		s		″		s		″		s		″	
Jan. 1	57.359	191	13.52	214	42.637	275	33.06	98	55.016	214	38.19	63	15.66	22	68.17	348
11	57.550	225	11.38	205	42.912	319	32.08	81	55.230	247	38.82	66	15.88	33	64.69	326
21	57.775	252	9.33	186	43.231	353	31.27	63	55.477	273	39.48	65	16.21	42	61.43	290
31	58.027	272	7.47	161	43.584	378	30.64	44	55.750	291	40.13	62	16.63	50	58.53	244
Febr. 10	58.299	287	5.86	128	43.962	396	30.20	27	56.041	304	40.75	54	17.13	57	56.09	190
20	58.586	294	4.58	91	44.358	405	29.93	11	56.345	311	41.29	42	17.70	62	54.19	127
März 1	58.880	298	3.67	50	44.763	408	29.82	4	56.656	313	41.71	29	18.32	64	52.92	61
11	59.178	295	3.17	7	45.171	406	29.86	19	56.969	311	42.00	14	18.96	64	52.31	7
21	59.473	289	3.10	35	45.577	398	30.05	32	57.280	305	42.14	1	19.60	63	52.38	74
31	59.762	278	3.45	76	45.975	385	30.37	45	57.585	296	42.13	16	20.23	59	53.12	137
Apr. 10	60.040	264	4.21	111	46.360	369	30.82	57	57.881	283	41.97	29	20.82	55	54.49	195
20	60.304	246	5.32	142	46.729	346	31.39	68	58.164	266	41.68	39	21.37	48	56.44	244
30	60.550	225	6.74	167	47.075	318	32.07	79	58.430	246	41.29	47	21.85	39	58.88	285
Mai 10	60.775	198	8.41	186	47.393	286	32.86	90	58.676	223	40.82	52	22.24	31	61.73	315
20	60.973	169	10.27	198	47.679	248	33.76	98	58.899	193	40.30	54	22.55	21	64.88	336
30	61.142	137	12.25	204	47.927	205	34.74	106	59.092	162	39.76	54	22.76	11	68.24	346
Juni 9	61.279	101	14.29	203	48.132	158	35.80	110	59.254	126	39.22	51	22.87	1	71.70	346
18	14 61.380	63	16.32	196	15 48.290	107	36.90	112	15 59.380	88	38.71	48	16 22.88	9	75.16	337
28	61.443	24	18.28	185	48.397	54	38.02	111	59.468	48	38.23	42	22.79	20	78.53	320
Juli 8	61.467	15	20.13	170	48.451	1	39.13	106	59.516	6	37.81	38	22.59	29	81.73	294
18	61.452	54	21.83	152	48.450	53	40.19	96	59.522	34	37.43	32	22.30	38	84.67	262
28	61.398	90	23.35	129	48.397	103	41.15	84	59.488	73	37.11	28	21.92	45	87.29	224
Aug. 7	61.308	123	24.64	106	48.294	148	41.99	67	59.415	107	36.83	24	21.47	53	89.53	181
17	61.185	149	25.70	81	48.146	186	42.66	47	59.308	136	36.59	21	20.94	57	91.34	135
27	61.036	169	26.51	54	47.960	214	43.13	23	59.172	159	36.38	18	20.37	62	92.69	86
Sept. 6	60.867	182	27.05	27	47.746	230	43.36	2	59.013	172	36.20	17	19.75	64	93.55	34
16	60.685	185	27.32	2	47.516	235	43.34	29	58.841	175	36.03	14	19.11	65	93.89	19
26	60.500	178	27.30	31	47.281	225	43.05	54	58.666	169	35.89	13	18.46	64	93.70	71
Okt. 6	60.322	162	26.99	59	47.056	203	42.51	78	58.497	152	35.76	9	17.82	60	92.99	124
16	60.160	137	26.40	88	46.853	168	41.73	98	58.345	124	35.67	5	17.22	56	91.75	174
26	60.023	104	25.52	116	46.685	121	40.75	116	58.221	90	35.62	2	16.66	49	90.01	221
Nov. 5	59.919	63	24.36	143	46.564	65	39.59	128	58.131	47	35.64	10	16.17	41	87.80	264
15	59.856	18	22.93	167	46.499	5	38.31	134	58.084	0	35.74	19	15.76	32	85.16	300
25	59.838	28	21.26	187	46.494	60	36.97	135	58.084	49	35.93	29	15.44	20	82.16	330
Dez. 5	59.866	77	19.39	203	46.554	124	35.62	131	58.133	98	36.22	41	15.24	9	78.86	349
15	59.943	122	17.36	213	46.678	185	34.31	121	58.231	145	36.63	50	15.15	3	75.37	358
25	60.065	165	15.23	216	46.863	240	33.10	107	58.376	187	37.13	58	15.18	14	71.79	356
35	60.230		13.07		47.103		32.03		58.563		37.71		15.32		68.23	
Mittl. Ort	57.749		18.54		42.969		33.44		55.207		35.93		19.39		75.78	
sec δ, tg δ	1.025		+0.224		1.366		−0.931		1.037		−0.275		2.764		+2.577	
a, *a′*	+2.8		−2.4		+4.3		−2.4		+3.4		−2.3		−0.4		−2.0	
b, *b′*	0.00		+0.99		+0.01		+0.99		0.00		+0.99		−0.02		+1.00	

Tag		663) ι Herculis AR.		663) ι Herculis Dekl.		661) η Pavonis AR.		661) η Pavonis Dekl.		665) β Ophiuchi AR.		665) β Ophiuchi Dekl.		670) ψ Draconis AR.		670) ψ Draconis Dekl.	
1936		$17^h 37^m$		+46° 1′		$17^h 39^m$		−64° 41′		$17^h 40^m$		+4° 35′		$17^h 42^m$		+72° 10′	
		s		″		s		″		s		″		s		″	
Jan.	1	38.136	181	74.81	329	25.65	40	43.15	215	18.284	189	28.91	171	59.64	21	43.79	349
	11	38.317	234	71.52	309	26.05	48	41.00	189	18.473	221	27.20	166	59.85	35	40.30	328
	21	38.551	279	68.43	277	26.53	55	39.11	161	18.694	248	25.54	152	60.20	47	37.02	294
	31	38.830	316	65.66	236	27.08	60	37.50	129	18.942	268	24.02	133	60.67	56	34.08	250
Febr.	10	39.146	343	63.30	184	27.68	63	36.21	95	19.210	282	22.69	108	61.23	65	31.58	195
	20	39.489	362	61.46	126	28.31	66	35.26	60	19.492	291	21.61	77	61.88	71	29.63	135
März	1	39.851	372	60.20	64	28.97	66	34.66	26	19.783	295	20.84	44	62.59	74	28.28	69
	11	40.223	373	59.56	0	29.63	67	34.40	—9	20.078	294	20.40	8	63.33	75	27.59	1
	21	40.596	364	59.56	63	30.30	66	34.49	42	20.372	289	20.32	—27	64.08	73	27.58	—65
	31	40.960	348	60.19	124	30.96	63	34.91	73	20.661	281	20.59	60	64.81	70	28.23	130
Apr.	10	41.308	325	61.43	177	31.59	60	35.64	104	20.942	268	21.19	91	65.51	64	29.53	187
	20	41.633	295	63.20	225	32.19	57	36.68	131	21.210	252	22.10	116	66.15	56	31.40	237
	30	41.928	259	65.45	264	32.76	52	37.99	157	21.462	233	23.26	138	66.71	46	33.77	279
Mai	10	42.187	218	68.09	293	33.28	45	39.56	178	21.695	208	24.64	152	67.17	36	36.56	310
	20	42.405	172	71.02	313	33.73	39	41.34	197	21.903	181	26.16	163	67.53	25	39.66	332
	30	42.577	123	74.15	323	34.12	32	43.31	209	22.084	149	27.79	166	67.78	13	42.98	343
Juni	9	42.700	71	77.38	324	34.44	23	45.40	218	22.233	115	29.45	166	67.91	0	46.41	345
	18	16 42.771	17	80.62	315	16 34.67	14	47.58	221	17 22.348	78	31.11	161	17 67.91	12	49.86	337
	28	42.788	—36	83.77	300	34.81	5	49.79	218	22.426	39	32.72	151	67.79	24	53.23	320
Juli	8	42.752	88	86.77	277	34.86	—3	51.97	207	22.465	0	34.23	139	67.55	35	56.43	296
	18	42.664	139	89.54	247	34.83	12	54.04	190	22.465	40	35.62	124	67.20	45	59.39	266
	28	42.525	184	92.01	212	34.71	21	55.94	167	22.425	76	36.86	107	66.75	55	62.05	228
Aug.	7	42.341	225	94.13	173	34.50	29	57.61	137	22.349	110	37.93	88	66.20	62	64.33	186
	17	42.116	258	95.86	130	34.21	35	58.98	103	22.239	137	38.81	69	65.58	69	66.19	140
	27	41.858	282	97.16	84	33.86	39	60.01	62	22.102	160	39.50	49	64.89	74	67.59	92
Sept.	6	41.576	298	98.00	36	33.47	42	60.63	19	21.942	172	39.99	27	64.15	77	68.51	40
	16	41.278	302	98.36	—12	33.05	43	60.82	—27	21.770	177	40.26	7	63.38	78	68.91	—11
	26	40.976	296	98.24	62	32.62	42	60.55	71	21.593	172	40.33	—15	62.60	77	68.80	65
Okt.	6	40.680	277	97.62	110	32.20	38	59.84	115	21.421	157	40.18	38	61.83	73	68.15	116
	16	40.403	248	96.52	157	31.82	33	58.69	155	21.264	133	39.80	59	61.10	68	66.99	168
	26	40.155	209	94.95	202	31.49	26	57.14	189	21.131	101	39.21	82	60.42	61	65.31	214
Nov.	5	39.946	159	92.93	243	31.23	17	55.25	216	21.030	61	38.39	104	59.81	52	63.17	259
	15	39.787	104	90.50	279	31.06	6	53.09	236	20.969	18	37.35	123	59.29	40	60.58	295
	25	39.683	44	87.71	306	31.00	—3	50.73	246	20.951	—29	36.12	142	58.89	28	57.63	326
Dez.	5	39.639	—20	84.65	327	31.03	15	48.27	248	20.980	76	34.70	156	58.61	15	54.37	347
	15	39.659	83	81.38	337	31.18	25	45.79	241	21.056	121	33.14	167	58.46	1	50.90	357
	25	39.742	143	78.01	335	31.43	34	43.38	227	21.177	161	31.47	171	58.45	—13	47.33	355
	35	39.885		74.66		31.77		41.11		21.338		29.76		58.58		43.78	
Mittl. Ort		39.444		81.76		26.75		44.87		18.597		32.88		64.31		50.80	
sec δ, tg δ		1.441		+1.037		2.340		−2.115		1.003		+0.080		3.268		+3.111	
a, *a′*		+1.7		−2.0		+5.9		−1.8		+3.0		−1.7		−1.1		−1.5	
b, *b′*		−0.01		+1.00		+0.01		+1.00		0.00		+1.00		−0.02		+1.00	

Tag		667) μ Herculis¹) AR.		667) μ Herculis¹) Dekl.		675) 35 Draconis AR.		675) 35 Draconis Dekl.	
1936		$17^h\ 43^m$		$+27°\ 45'$		$17^h\ 52^m$		$+76°\ 57'$	
		s		"		s		"	
Jan.	1	56.458	174	19.28	278	11.83	21	75.21	345
	11	56.632	213	16.50	264	12.04	39	71.76	325
	21	56.845	247	13.86	239	12.43	56	68.51	296
	31	57.092	273	11.47	205	12.99	71	65.55	253
Febr.	10	57.365	292	9.42	163	13.70	83	63.02	202
	20	57.657	305	7.79	115	14.53	92	61.00	142
März	1	57.962	311	6.64	63	15.45	97	59.58	78
	11	58.273	312	6.01	8	16.42	99	58.80	11
	21	58.585	307	5.93	46	17.41	98	58.69	55
	31	58.892	296	6.39	97	18.39	94	59.24	119
Apr.	10	59.188	281	7.36	144	19.33	85	60.43	177
	20	59.469	260	8.80	184	20.18	76	62.20	228
	30	59.729	236	10.64	218	20.94	63	64.48	271
Mai	10	59.965	207	12.82	243	21.57	48	67.19	304
	20	60.172	173	15.25	260	22.05	33	70.23	327
	30	60.345	137	17.85	269	22.38	17	73.50	340
Juni	9	60.482	97	20.54	269	22.55	0	76.90	345
	18*)	^{17}60.579	55	23.23	264	^{20}22.55	16	80.35	338
	28	60.634	12	25.87	250	22.39	33	83.73	324
Juli	8	60.646	31	28.37	231	22.06	49	86.97	301
	18	60.615	73	30.68	208	21.57	62	89.98	273
	28	60.542	113	32.76	178	20.95	75	92.71	237
Aug.	7	60.429	147	34.54	147	20.20	86	95.08	198
	17	60.282	177	36.01	112	19.34	95	97.06	153
	27	60.105	199	37.13	75	18.39	102	98.59	105
Sept.	6	59.906	214	37.88	36	17.37	106	99.64	56
	16	59.692	218	38.24	3	16.31	109	100.20	4
	26	59.474	214	38.21	43	15.22	107	100.24	48
Okt.	6	59.260	198	37.78	83	14.15	103	99.76	100
	16	59.062	174	36.95	122	13.12	97	98.76	151
	26	58.888	141	35.73	160	12.15	88	97.25	198
Nov.	5	58.747	100	34.13	194	11.27	76	95.27	244
	15	58.647	53	32.19	225	10.51	62	92.83	281
	25	58.594	4	29.94	250	9.89	46	90.02	313
Dez.	5	58.590	47	27.44	269	9.43	29	86.89	336
	15	58.637	97	24.75	280	9.14	9	83.53	349
	25	58.734	145	21.95	282	9.05	10	80.04	350
	35	58.879		19.13		9.15		76.54	
Mittl. Ort		57.141		24.83		18.66		81.16	
sec δ, tg δ		1.130		+0.526		4.436		+4.322	
a, *a′*		+2.4		−1.4		−2.7		−0.7	
b, *b′*		0.00		+1.00		−0.01		+1.00	

Tag		671) ξ Draconis AR.		671) ξ Draconis Dekl.		672) ϑ Herculis AR.		672) ϑ Herculis Dekl.	
1936		$17^h\ 52^m$		$+56°\ 52'$		$17^h\ 54^m$		$+37°\ 15'$	
		s		"		s		"	
Jan.	1	23.222	165	49.82	346	2.477	159	23.44	308
	11	23.387	235	46.36	328	2.636	206	20.36	292
	21	23.622	299	43.08	298	2.842	246	17.44	266
	31	23.921	352	40.10	255	3.088	278	14.78	230
Febr.	10	24.273	395	37.55	204	3.366	304	12.48	184
	20	24.668	426	35.51	145	3.670	322	10.64	132
März	1	25.094	445	34.06	80	3.992	332	9.32	74
	11	25.539	452	33.26	13	4.324	336	8.58	15
	21	25.991	446	33.13	53	4.660	333	8.43	46
	31	26.437	430	33.66	117	4.993	322	8.89	102
Apr.	10	26.867	401	34.83	175	5.315	307	9.91	155
	20	27.268	365	36.58	226	5.622	285	11.46	201
	30	27.633	318	38.84	270	5.907	257	13.47	240
Mai	10	27.951	266	41.54	303	6.164	225	15.87	269
	20	28.217	206	44.57	327	6.389	187	18.56	291
	30	28.423	143	47.84	341	6.576	146	21.47	302
Juni	9	28.566	76	51.25	344	6.722	101	24.49	306
	18*)	^{20}28.642	7	54.69	339	^{20}6.823	54	27.55	301
	28	28.649	61	58.08	324	6.877	7	30.56	288
Juli	8	28.588	128	61.32	303	6.884	41	33.44	268
	18	28.460	190	64.35	274	6.843	88	36.12	243
	28	28.270	249	67.09	239	6.755	131	38.55	212
Aug.	7	28.021	300	69.48	198	6.624	171	40.67	178
	17	27.721	343	71.46	155	6.453	203	42.45	138
	27	27.378	375	73.01	107	6.250	229	43.83	97
Sept.	6	27.003	397	74.08	57	6.021	246	44.80	54
	16	26.606	406	74.65	5	5.775	253	45.34	9
	26	26.200	401	74.70	47	5.522	251	45.43	37
Okt.	6	25.799	383	74.23	99	5.271	236	45.06	83
	16	25.416	353	73.24	149	5.035	212	44.23	127
	26	25.063	308	71.75	198	4.823	179	42.96	170
Nov.	5	24.755	254	69.77	243	4.644	137	41.26	209
	15	24.501	188	67.34	282	4.507	89	39.17	244
	25	24.313	117	64.52	314	4.418	36	36.73	274
Dez.	5	24.196	40	61.38	337	4.382	19	33.99	296
	15	24.156	39	58.01	350	4.401	74	31.03	308
	25	24.195	117	54.51	351	4.475	127	27.95	311
	35	24.312		51.00		4.602		24.84	
Mittl. Ort		25.312		55.67		3.453		28.60	
sec δ, tg δ		1.830		+1.533		1.256		+0.761	
a, *a′*		+1.0		−0.7		+2.1		−0.5	
b, *b′*		0.00		+1.00		0.00		+1.00	

¹) Die jährliche Parallaxe (0."111) ist bereits berücksichtigt.
*) Bei Stern 675), 671) und 672) lies Juni 19

Tag	676) γ Draconis AR.		676) γ Draconis Dekl.	
1936	$17^h\ 55^m$		$+51°\ 29'$	
	s		"	
Jan. 1	5.490	159	38.94	340
11	5.649	219	35.54	323
21	5.868	274	32.31	293
31	6.142	319	29.38	253
Febr. 10	6.461	357	26.85	203
20	6.818	383	24.82	145
März 1	7.201	399	23.37	82
11	7.600	406	22.55	17
21	8.006	401	22.38	49
31	8.407	388	22.87	112
Apr. 10	8.795	365	23.99	169
20	9.160	335	25.68	220
30	9.495	296	27.88	262
Mai 10	9.791	251	30.50	296
20	10.042	201	33.46	320
30	10.243	145	36.66	333
Juni 9	10.388	88	39.99	338
19	$_{20}$10.476	27	43.37	333
28	10.503	33	46.70	319
Juli 8	10.470	92	49.89	298
18	10.378	149	52.87	270
28	10.229	202	55.57	237
Aug. 7	10.027	249	57.94	197
17	9.778	288	59.91	155
27	9.490	318	61.46	108
Sept. 6	9.172	338	62.54	60
16	8.834	347	63.14	9
26	8.487	344	63.23	41
Okt. 6	8.143	328	62.82	93
16	7.815	300	61.89	143
26	7.515	261	60.46	191
Nov. 5	7.254	211	58.55	234
15	7.043	154	56.21	273
25	6.889	89	53.48	305
Dez. 5	6.800	22	50.43	329
15	6.778	48	47.14	342
25	6.826	116	43.72	344
35	6.942		40.28	
Mittl. Ort	7.162		44.42	
sec δ, tg δ	1.606		+1.257	
a, *a'*	+1.4		−0.4	
b, *b'*	0.00		+1.00	

Tag	673) ν Ophiuchi AR.		673) ν Ophiuchi Dekl.	
1936	$17^h\ 55^m$		$-9°\ 45'$	
	s		"	
Jan. 1	29.898	188	64.94	86
11	30.086	221	65.80	87
21	30.307	249	66.67	82
31	30.556	270	67.49	74
Febr. 10	30.826	285	68.23	60
20	31.111	296	68.83	44
März 1	31.407	302	69.27	24
11	31.709	303	69.51	4
21	32.012	300	69.55	17
31	32.312	295	69.38	38
Apr. 10	32.607	285	69.00	55
20	32.892	272	68.45	71
30	33.164	254	67.74	81
Mai 10	33.418	232	66.93	89
20	33.650	205	66.04	94
30	33.855	176	65.10	93
Juni 9	34.031	141	64.17	91
19	$_{20}$34.172	103	63.26	86
28	34.275	64	62.40	78
Juli 8	34.339	22	61.62	70
18	34.361	19	60.92	61
28	34.342	59	60.31	51
Aug. 7	34.283	94	59.80	42
17	34.189	126	59.38	34
27	34.063	150	59.04	25
Sept. 6	33.913	167	58.79	17
16	33.746	174	58.62	10
26	33.572	171	58.52	2
Okt. 6	33.401	158	58.50	6
16	33.243	135	58.56	15
26	33.108	103	58.71	25
Nov. 5	33.005	65	58.96	36
15	32.940	21	59.32	47
25	32.919	26	59.79	59
Dez. 5	32.945	73	60.38	69
15	33.018	118	61.07	78
25	33.136	161	61.85	84
35	33.297		62.69	
Mittl. Ort	30.132		62.43	
sec δ, tg δ	1.015		−0.172	
a, *a'*	+3.3		−0.4	
b, *b'*	0.00		+1.00	

Tag	677) 67 Ophiuchi AR.		677) 67 Ophiuchi Dekl.	
1936	$17^h\ 57^m$		$+2°\ 55'$	
	s		"	
Jan. 1	26.025	174	55.96	158
11	26.199	208	54.38	153
21	26.407	236	52.85	143
31	26.643	258	51.42	124
Febr. 10	26.901	274	50.18	101
20	27.175	286	49.17	72
März 1	27.461	292	48.45	41
11	27.753	294	48.04	7
21	28.047	292	47.97	26
31	28.339	286	48.23	59
Apr. 10	28.625	276	48.82	87
20	28.901	263	49.69	113
30	29.164	245	50.82	134
Mai 10	29.409	222	52.16	148
20	29.631	197	53.64	158
30	29.828	166	55.22	163
Juni 9	29.994	132	56.85	162
19	$_{21}$30.126	94	58.47	157
28	30.220	56	60.04	148
Juli 8	30.276	15	61.52	136
18	30.291	25	62.88	122
28	30.266	63	64.10	105
Aug. 7	30.203	99	65.15	88
17	30.104	129	66.03	69
27	29.975	153	66.72	50
Sept. 6	29.822	170	67.22	30
16	29.652	176	67.52	11
26	29.476	174	67.63	9
Okt. 6	29.302	161	67.54	30
16	29.141	140	67.24	50
26	29.001	110	66.74	71
Nov. 5	28.891	72	66.03	92
15	28.819	30	65.11	110
25	28.789	14	64.01	128
Dez. 5	28.803	61	62.73	142
15	28.864	106	61.31	152
25	28.970	147	59.79	158
35	29.117		58.21	
Mittl. Ort	26.344		59.22	
sec δ, tg δ	1.001		+0.051	
a, *a'*	+3.0		−0.2	
b, *b'*	0.00		+1.00	

Tag	679) γ Sagittarii AR.		679) γ Sagittarii Dekl.	
1936	$18^h\ 1^m$		$-30°\ 25'$	
	s		"	
Jan. 1	41.474	211	37.65	41
11	41.685	249	37.24	34
21	41.934	281	36.90	26
31	42.215	306	36.64	20
Febr. 10	42.521	324	36.44	16
20	42.845	337	36.28	13
März 1	43.182	345	36.15	11
11	43.527	347	36.04	9
21	43.874	346	35.95	9
31	44.220	340	35.86	8
Apr. 10	44.560	330	35.78	6
20	44.890	316	35.72	3
30	45.206	297	35.69	2
Mai 10	45.503	273	35.71	8
20	45.776	244	35.79	13
30	46.020	209	35.92	21
Juni 9	46.229	170	36.13	28
19	$_{22}$46.399	128	36.41	34
28	46.527	81	36.75	40
Juli 8	46.608	34	37.15	42
18	46.642	13	37.57	44
28	46.629	60	38.01	41
Aug. 7	46.569	102	38.42	38
17	46.467	138	38.80	30
27	46.329	168	39.10	20
Sept. 6	46.161	188	39.30	8
16	45.973	197	39.38	5
26	45.776	195	39.33	19
Okt. 6	45.581	181	39.14	31
16	45.400	156	38.83	43
26	45.244	121	38.40	53
Nov. 5	45.123	77	37.87	59
15	45.046	27	37.28	62
25	45.019	25	36.66	63
Dez. 5	45.044	80	36.03	59
15	45.124	131	35.44	53
25	45.255	179	34.91	47
35	45.434		34.44	
Mittl. Ort	41.719		36.45	
sec δ, tg δ	1.160		−0.587	
a, *a'*	+3.9		+0.1	
b, *b'*	0.00		+1.00	

Tag	680) 72 Ophiuchi AR.		680) Dekl.		681) o Herculis AR.		681) Dekl.		682) μ Sagittarii AR.		682) Dekl.		688) η Serpentis AR.		688) Dekl.	
1936	18h 4m		+9° 32′		18h 5m		+28° 44′		18h 9m		−21° 4′		18h 17m		−2° 54′	
	s		″		s		″		s		″		s		″	
Jan. 1	18.494	163	68.58	192	1.990	150	64.55	278	55.888	187	40.32	11	59.563	159	63.55	120
11	18.657	197	66.66	184	2.140	192	61.77	266	56.075	223	40.43	15	59.722	193	64.75	118
21	18.854	227	64.82	171	2.332	228	59.11	245	56.298	254	40.58	17	59.915	223	65.93	110
31	19.081	251	63.11	149	2.560	257	56.66	213	56.552	277	40.75	15	60.138	246	67.03	97
Febr. 10	19.332	269	61.62	120	2.817	281	54.53	173	56.829	296	40.90	12	60.384	265	68.00	78
20	19.601	282	60.42	87	3.098	298	52.80	125	57.125	309	41.02	6	60.649	279	68.78	55
März 1	19.883	290	59.55	50	3.396	308	51.55	74	57.434	316	41.08	3	60.928	288	69.33	30
11	20.173	294	59.05	10	3.704	313	50.81	20	57.750	320	41.05	11	61.216	293	69.63	1
21	20.467	292	58.95	30	4.017	313	50.61	35	58.070	321	40.94	20	61.509	295	69.64	26
31	20.759	287	59.25	68	4.330	306	50.96	88	58.391	317	40.74	29	61.804	292	69.38	52
Apr. 10	21.046	278	59.93	103	4.636	294	51.84	137	58.708	309	40.45	36	62.096	286	68.86	78
20	21.324	265	60.96	134	4.930	278	53.21	180	59.017	297	40.09	40	62.382	275	68.08	98
30	21.589	247	62.30	158	5.208	255	55.01	216	59.314	280	39.69	44	62.657	261	67.10	114
Mai 10	21.836	225	63.88	178	5.463	228	57.17	244	59.594	259	39.25	43	62.918	240	65.96	127
20	22.061	198	65.66	191	5.691	195	59.61	265	59.853	233	38.82	40	63.158	216	64.69	134
30	22.259	168	67.57	197	5.886	160	62.26	276	60.086	202	38.42	37	63.374	187	63.35	137
Juni 9	22.427	133	69.54	198	6.046	120	65.02	281	60.288	166	38.05	30	63.561	154	61.98	135
19	[23] 22.560	95	71.52	193	[23] 6.166	78	67.83	276	[24] 60.454	127	37.75	24	[26] 63.715	118	60.63	129
28	22.655	56	73.45	184	6.244	33	70.59	266	60.581	84	37.51	17	63.833	77	59.34	121
Juli 8	22.711	14	75.29	171	6.277	11	73.25	249	60.665	40	37.34	11	63.910	36	58.13	110
18	22.725	26	77.00	153	6.266	55	75.74	227	60.705	5	37.23	5	63.946	5	57.03	98
28	22.699	65	78.53	134	6.211	98	78.01	199	60.700	48	37.18	0	63.941	46	56.05	83
Aug. 7	22.634	101	79.87	113	6.113	135	80.00	169	60.652	88	37.18	2	63.895	84	55.22	69
17	22.533	132	81.00	89	5.978	168	81.69	134	60.564	123	37.20	2	63.811	117	54.53	54
27	22.401	157	81.89	65	5.810	194	83.03	97	60.441	152	37.22	2	63.694	144	53.99	40
Sept. 6	22.244	174	82.54	40	5.616	212	84.00	59	60.289	171	37.24	0	63.550	163	53.59	24
16	22.070	182	82.94	15	5.404	221	84.59	19	60.118	181	37.24	4	63.387	173	53.35	11
26	21.888	181	83.09	12	5.183	219	84.78	22	59.937	181	37.20	8	63.214	175	53.24	4
Okt. 6	21.707	169	82.97	38	4.964	209	84.56	62	59.756	169	37.12	12	63.039	165	53.28	19
16	21.538	149	82.59	65	4.755	187	83.94	103	59.587	148	37.00	15	62.874	146	53.47	34
26	21.389	121	81.94	90	4.568	157	82.91	142	59.439	116	36.85	15	62.728	119	53.81	49
Nov. 5	21.268	84	81.04	115	4.411	119	81.49	179	59.323	76	36.70	16	62.609	84	54.30	64
15	21.184	42	79.89	138	4.292	76	79.70	212	59.247	32	36.54	13	62.525	43	54.94	79
25	21.142	2	78.51	159	4.216	27	77.58	239	59.215	16	36.41	9	62.482	0	55.73	93
Dez. 5	21.144	48	76.92	175	4.189	22	75.19	262	59.231	66	36.32	3	62.482	46	56.66	104
15	21.192	93	75.17	186	4.211	73	72.57	275	59.297	114	36.29	2	62.528	90	57.70	114
25	21.285	135	73.31	191	4.284	120	69.82	279	59.411	158	36.31	9	62.618	131	58.84	119
35	21.420		71.40		4.404		67.03		59.569		36.40		62.749		60.03	
Mittl. Ort	18.890		71.90		2.730		68.57		56.112		38.55		59.850		61.17	
sec δ, tg δ	1.014		+0.168		1.141		+0.549		1.072		−0.385		1.001		−0.051	
a, *a′*	+2.8		+0.4		+2.3		+0.4		+3.6		+0.9		+3.1		+1.6	
b, *b′*	0.00		+1.00		0.00		+1.00		0.00		+1.00		0.00		+1.00	

Tag		689) ε Sagittarii AR.		Dekl.		690) 109 Herculis AR.		Dekl.		695) χ Draconis[1]) AR.		Dekl.		691) α Telescopii AR.		Dekl.	
1936		18ʰ 19ᵐ		−34° 24′		18ʰ 20ᵐ		+21° 44′		18ʰ 22ᵐ		+72° 41′		18ʰ 22ᵐ		−46° 0′	
		s		"		s		"		s		"		s		"	
Jan.	1	55.149	197	61.51	75	57.615	139	18.20	247	7.73	11	77.26	351	13.256	222	21.23	146
	11	55.346	240	60.76	68	57.754	177	15.73	239	7.84	24	73.75	339	13.478	272	19.77	135
	21	55.586	274	60.08	61	57.931	212	13.34	221	8.08	37	70.36	316	13.750	314	18.42	122
	31	55.860	304	59.47	53	58.143	240	11.13	195	8.45	50	67.20	280	14.064	351	17.20	109
Febr.	10	56.164	325	58.94	47	58.383	263	9.18	160	8.95	59	64.40	234	14.415	378	16.11	92
	20	56.489	342	58.47	41	58.646	281	7.58	119	9.54	68	62.06	178	14.793	398	15.19	77
März	1	56.831	353	58.06	36	58.927	294	6.39	72	10.22	73	60.28	116	15.191	412	14.42	61
	11	57.184	359	57.70	31	59.221	300	5.67	24	10.95	76	59.12	50	15.603	421	13.81	44
	21	57.543	361	57.39	26	59.521	302	5.43	27	11.71	77	58.62	17	16.024	423	13.37	27
	31	57.904	359	57.13	20	59.823	300	5.70	74	12.48	76	58.79	83	16.447	420	13.10	11
Apr.	10	58.263	351	56.93	14	60.123	292	6.44	120	13.24	71	59.62	145	16.867	411	12.99	8
	20	58.614	339	56.79	6	60.415	279	7.64	160	13.95	65	61.07	200	17.278	397	13.07	25
	30	58.953	321	56.73	2	60.694	261	9.24	193	14.60	57	63.07	249	17.675	375	13.32	43
Mai	10	59.274	298	56.75	12	60.955	238	11.17	221	15.17	48	65.56	288	18.050	348	13.75	60
	20	59.572	270	56.87	22	61.193	210	13.38	239	15.65	36	68.44	319	18.398	313	14.35	77
	30	59.842	236	57.09	33	61.403	177	15.77	252	16.01	25	71.63	338	18.711	273	15.12	93
Juni	9	60.078	195	57.42	43	61.580	141	18.29	255	16.26	12	75.01	349	18.984	225	16.05	106
	19	^{27}60.273	152	57.85	51	^{27}61.721	101	20.84	254	^{27}16.38	1	78.50	350	^{27}19.209	173	17.11	116
	28	60.425	103	58.36	59	61.822	59	23.38	244	16.37	13	82.00	342	19.382	115	18.27	123
Juli	8	60.528	53	58.95	64	61.881	16	25.82	230	16.24	25	85.42	326	19.497	57	19.50	126
	18	60.581	3	59.59	66	61.897	29	28.12	210	15.99	37	88.68	302	19.554	3	20.76	125
	28	60.584	48	60.25	64	61.868	69	30.22	187	15.62	48	91.70	272	19.551	62	22.01	118
Aug.	7	60.536	94	60.89	59	61.799	108	32.09	159	15.14	57	94.42	235	19.489	115	23.19	106
	17	60.442	134	61.48	51	61.691	142	33.68	129	14.57	66	96.77	194	19.374	165	24.25	90
	27	60.308	168	61.99	40	61.549	170	34.97	97	13.91	72	98.71	149	19.209	204	25.15	69
Sept.	6	60.140	193	62.39	25	61.379	189	35.94	64	13.19	76	100.20	100	19.005	233	25.84	44
	16	59.947	205	62.64	8	61.190	200	36.58	28	12.43	80	101.20	48	18.772	249	26.28	17
	26	59.742	207	62.72	10	60.990	202	36.86	8	11.63	80	101.68	4	18.523	252	26.45	13
Okt.	6	59.535	196	62.62	27	60.788	193	36.78	44	10.83	78	101.64	57	18.271	239	26.32	42
	16	59.339	174	62.35	44	60.595	173	36.34	79	10.05	75	101.07	111	18.032	215	25.90	70
	26	59.165	140	61.91	58	60.422	151	35.55	115	9.30	69	99.96	162	17.817	176	25.20	96
Nov.	5	59.025	98	61.33	71	60.271	113	34.40	149	8.61	60	98.34	210	17.641	126	24.24	118
	15	58.927	48	60.62	79	60.158	73	32.91	178	8.01	51	96.24	255	17.515	70	23.06	134
	25	58.879	5	59.83	84	60.085	29	31.13	205	7.50	40	93.69	293	17.445	6	21.72	147
Dez.	5	58.884	60	58.99	85	60.056	18	29.08	227	7.10	26	90.76	322	17.439	58	20.25	153
	15	58.944	114	58.14	83	60.074	65	26.81	240	6.84	13	87.54	343	17.497	121	18.72	153
	25	59.058	164	57.31	79	60.139	110	24.41	248	6.71	1	84.11	351	17.618	182	17.19	150
	35	59.222		56.52		60.249		21.93		6.72		80.60		17.800		15.69	
Mittl. Ort		55.429		60.17		58.213		20.99		12.74		79.93		13.684		20.22	
sec δ, tg δ		1.212		−0.685		1.077		+0.399		3.364		+3.212		1.440		−1.036	
a, a′		+4.0		+1.7		+2.5		+1.8		−1.2		+1.9		+4.5		+1.9	
b, b′		0.00		+1.00		0.00		+1.00		+0.02		+1.00		−0.01		+1.00	

[1]) Die jährliche Parallaxe (0.″118) ist bereits berücksichtigt.

Tag	694) *b* Draconis AR.		694) *b* Draconis Dekl.		699) α Lyrae¹) AR.		699) α Lyrae¹) Dekl.	
1936	18ʰ 22ᵐ		+58° 45′		18ʰ 34ᵐ		+38° 43′	
	s		″		s		″	
Jan. 1	56.238	110	44.51	348	45.209	113	21.03	306
11	56.348	188	41.03	337	45.322	162	17.97	297
21	56.536	259	37.66	313	45.484	206	15.00	278
31	56.795	322	34.53	277	45.690	245	12.22	248
Febr. 10	57.117	375	31.76	231	45.935	277	9.74	206
20	57.492	419	29.45	176	46.212	304	7.68	158
März 1	57.911	448	27.69	114	46.516	323	6.10	103
11	58.359	466	26.55	48	46.839	335	5.07	44
21	58.825	470	26.07	19	47.174	341	4.63	16
31	59.295	463	26.26	84	47.515	339	4.79	76
Apr. 10	59.758	443	27.10	146	47.854	330	5.55	131
20	60.201	412	28.56	201	48.184	315	6.86	182
30	60.613	370	30.57	249	48.499	293	8.68	226
Mai 10	60.983	319	33.06	289	48.792	265	10.94	261
20	61.302	261	35.95	319	49.057	231	13.55	289
30	61.563	196	39.14	339	49.288	190	16.44	306
Juni 9	61.759	127	42.53	349	49.478	147	19.50	317
19	61.886	54	46.02	350	49.625	99	22.67	318
28*)	27 61.940	19	49.52	342	30 49.724	49	25.85	310
Juli 8	61.921	91	52.94	326	49.773	2	28.95	296
18	61.830	162	56.20	302	49.771	51	31.91	275
28	61.668	228	59.22	271	49.720	100	34.66	248
Aug. 7	61.440	287	61.93	236	49.620	145	37.14	215
17	61.153	339	64.29	194	49.475	184	39.29	180
27	60.814	379	66.23	149	49.291	216	41.09	140
Sept. 6	60.435	410	67.72	101	49.075	240	42.49	97
16	60.025	427	68.73	50	48.835	255	43.46	52
26	59.598	431	69.23	3	48.580	259	43.98	7
Okt. 6	59.167	421	69.20	56	48.321	252	44.05	40
16	58.746	397	68.64	109	48.069	235	43.65	87
26	58.349	359	67.55	160	47.834	209	42.78	133
Nov. 5	57.990	310	65.95	209	47.625	172	41.45	175
15	57.680	248	63.86	253	47.453	129	39.70	215
25	57.432	179	61.33	290	47.324	81	37.55	250
Dez. 5	57.253	102	58.43	320	47.243	28	35.05	277
15	57.151	22	55.23	339	47.215	26	32.28	296
25	57.129	59	51.84	348	47.241	78	29.32	305
35	57.188		48.36		47.319		26.27	
Mittl. Ort	58.574		47.17		46.278		22.88	
sec δ, tg δ	1.928		+1.649		1.282		+0.802	
a, *a′*	+0.9		+2.0		+2.0		+3.0	
b, *b′*	+0.01		+0.99		+0.01		+0.99	

Tag	698) ζ Pavonis AR.		698) ζ Pavonis Dekl.		703) 110 Herculis AR.		703) 110 Herculis Dekl.	
1936	18ʰ 35ᵐ		−71° 28′		18ʰ 42ᵐ		+20° 28′	
	s		″		s		″	
Jan. 1	32.08	35	71.80	280	53.824	117	59.94	236
11	32.43	46	69.00	266	53.941	155	57.58	231
21	32.89	57	66.34	246	54.096	191	55.27	216
31	33.46	66	63.88	220	54.287	222	53.11	192
Febr. 10	34.12	73	61.68	190	54.509	246	51.19	161
20	34.85	79	59.78	157	54.755	267	49.58	122
März 1	35.64	83	58.21	120	55.022	283	48.36	78
11	36.47	86	57.01	83	55.305	294	47.58	30
21	37.33	87	56.18	44	55.599	300	47.28	17
31	38.20	86	55.74	6	55.899	301	47.45	66
Apr. 10	39.06	85	55.68	33	56.200	296	48.11	111
20	39.91	81	56.01	71	56.496	288	49.22	151
30	40.72	77	56.72	106	56.784	273	50.73	185
Mai 10	41.49	70	57.78	140	57.057	253	52.58	214
20	42.19	63	59.18	170	57.310	228	54.72	235
30	42.82	53	60.88	197	57.538	198	57.07	248
Juni 9	43.35	44	62.85	218	57.736	162	59.55	254
19	43.79	32	65.03	233	57.898	123	62.09	253
28*)	1 44.11	19	67.36	242	2 58.021	81	64.62	246
Juli 8	44.30	7	69.78	243	58.102	38	67.08	234
18	44.37	5	72.21	238	58.140	7	69.42	216
28	44.32	18	74.59	224	58.133	50	71.58	193
Aug. 7	44.14	29	76.83	201	58.083	90	73.51	168
17	43.85	40	78.84	171	57.993	127	75.19	140
27	43.45	49	80.55	135	57.866	156	76.59	108
Sept. 6	42.96	55	81.90	92	57.710	180	77.67	76
16	42.41	59	82.82	45	57.530	194	78.43	42
26	41.82	60	83.27	6	57.336	198	78.85	7
Okt. 6	41.22	59	83.21	57	57.138	194	78.92	28
16	40.63	55	82.64	107	56.944	180	78.64	63
26	40.08	47	81.57	154	56.764	156	78.01	97
Nov. 5	39.61	39	80.03	196	56.608	125	77.04	131
15	39.22	27	78.07	231	56.483	87	75.73	161
25	38.95	15	75.76	257	56.396	46	74.12	189
Dez. 5	38.80	1	73.19	276	56.350	1	72.23	210
15	38.79	13	70.43	284	56.349	44	70.13	227
25	38.92	26	67.59	284	56.393	88	67.86	235
35	39.18		64.75		56.481		65.51	
Mittl. Ort	33.93		70.90		54.402		61.36	
sec δ, tg δ	3.149		−2.986		1.067		+0.374	
a, *a′*	+7.0		+3.1		+2.6		+3.7	
b, *b′*	−0.03		+0.99		0.00		+0.98	

¹) Die jährliche Parallaxe (0.″124) ist bereits berücksichtigt.
*) Bei Stern 699), 698) und 703) lies Juni 29

Scheinbare Sternörter 1936

Tag	704) λ Pavonis AR.		704) λ Pavonis Dekl.		705) β Lyrae AR.		705) β Lyrae Dekl.		707) ο Draconis AR.		707) ο Draconis Dekl.		706) σ Sagittarii AR.		706) σ Sagittarii Dekl.	
1936	18ʰ 46ᵐ		−62° 15′		18ʰ 47ᵐ		+33° 16′		18ʰ 50ᵐ		+59° 18′		18ʰ 51ᵐ		−26° 22′	
	s		″		s		″		s		″		s		″	
Jan. 1	16.50	24	50.29	244	42.120	101	73.57	286	13.104	60	34.99	345	17.601	150	42.96	38
11	16.74	32	47.85	234	42.221	145	70.71	281	13.164	139	31.54	339	17.751	190	42.58	37
21	17.06	39	45.51	220	42.366	187	67.90	264	13.303	215	28.15	323	17.941	225	42.21	37
31	17.45	46	43.31	200	42.553	224	65.26	238	13.518	284	24.92	293	18.166	253	41.84	37
Febr. 10	17.91	50	41.31	177	42.777	255	62.88	201	13.802	344	21.99	252	18.419	279	41.47	38
20	18.41	54	39.54	151	43.032	281	60.87	156	14.146	395	19.47	202	18.698	297	41.09	42
März 1	18.95	58	38.03	123	43.313	301	59.31	105	14.541	435	17.45	143	18.995	313	40.67	46
11	19.53	59	36.80	92	43.614	314	58.26	49	14.976	461	16.02	79	19.308	323	40.21	49
21	20.12	61	35.88	61	43.928	323	57.77	7	15.437	476	15.23	13	19.631	331	39.72	54
31	20.73	60	35.27	30	44.251	324	57.84	64	15.913	477	15.10	53	19.962	334	39.18	56
Apr. 10	21.33	60	34.97	3	44.575	320	58.48	117	16.390	466	15.63	117	20.296	332	38.62	57
20	21.93	59	35.00	35	44.895	309	59.65	167	16.856	443	16.80	175	20.628	326	38.05	56
30	22.52	55	35.35	67	45.204	291	61.32	208	17.299	407	18.55	227	20.954	315	37.49	52
Mai 10	23.07	52	36.02	96	45.495	268	63.40	244	17.706	362	20.82	271	21.269	298	36.97	47
20	23.59	46	36.98	125	45.763	238	65.84	272	18.068	307	23.53	306	21.567	275	36.50	39
30	24.05	41	38.23	150	46.001	204	68.56	290	18.375	245	26.59	332	21.842	246	36.11	29
Juni 9	24.46	34	39.73	172	46.205	163	71.46	301	18.620	176	29.91	348	22.088	212	35.82	18
19	24.80	27	41.45	188	46.368	120	74.47	302	18.796	104	33.39	355	22.300	172	35.64	8
29	25.07	18	43.33	200	46.488	72	77.49	298	18.900	29	36.94	353	22.472	129	35.56	5
Juli 8	3 25.25	10	45.33	205	4 46.560	25	80.47	285	4 18.929	47	40.47	342	5 22.601	82	35.61	14
18	25.35	0	47.38	203	46.585	24	83.32	267	18.882	120	43.89	323	22.683	33	35.75	22
28	25.35	8	49.41	196	46.561	71	85.99	241	18.762	191	47.12	297	22.716	14	35.97	29
Aug. 7	25.27	16	51.37	179	46.490	115	88.40	213	18.571	256	50.09	265	22.702	60	36.26	33
17	25.11	24	53.16	157	46.375	154	90.53	179	18.315	313	52.74	227	22.642	102	36.59	33
27	24.87	30	54.73	127	46.221	187	92.32	143	18.002	361	55.01	185	22.540	138	36.92	32
Sept. 6	24.57	36	56.00	92	46.034	212	93.75	103	17.641	398	56.86	139	22.402	164	37.24	26
16	24.21	38	56.92	53	45.822	228	94.78	62	17.243	423	58.25	89	22.238	182	37.50	19
26	23.83	40	57.45	9	45.594	235	95.40	19	16.820	435	59.14	37	22.056	190	37.69	11
Okt. 6	23.43	39	57.54	35	45.359	230	95.59	26	16.385	433	59.51	16	21.866	185	37.80	0
16	23.04	36	57.19	79	45.129	217	95.33	69	15.952	415	59.35	71	21.681	170	37.80	10
26	22.68	32	56.40	122	44.912	194	94.64	112	15.537	386	58.64	123	21.511	145	37.70	19
Nov. 5	22.36	25	55.18	158	44.718	161	93.52	154	15.151	342	57.41	175	21.366	110	37.51	27
15	22.11	18	53.60	190	44.557	123	91.98	192	14.809	287	55.66	222	21.256	69	37.24	33
25	21.93	10	51.70	216	44.434	77	90.06	225	14.522	223	53.44	265	21.187	23	36.91	36
Dez. 5	21.83	0	49.54	234	44.357	30	87.81	254	14.299	150	50.79	300	21.164	25	36.55	39
15	21.83	9	47.20	243	44.327	19	85.27	273	14.149	72	47.79	325	21.189	74	36.16	40
25	21.92	19	44.77	245	44.346	68	82.54	284	14.077	9	44.54	341	21.263	119	35.76	38
35	22.11		42.32		44.414		79.70		14.086		41.13		21.382		35.38	
Mittl. Ort	17.48		48.65		43.005		74.35		15.505		34.73		17.837		41.06	
sec δ, tg δ	2.149		−1.902		1.196		+0.657		1.959		+1.685		1.116		−0.496	
a, a′	+5.6		+4.0		+2.2		+4.1		+0.9		+4.4		+3.7		+4.4	
b, b′	−0.03		+0.98		+0.01		+0.98		+0.02		+0.98		−0.01		+0.97	

Tag	709) ϑ Serpent. pr. AR.		Dekl.		708) λ Telescopii AR.		Dekl.		711) *R* Lyrae AR.		Dekl.		713) γ Lyrae AR.		Dekl.	
1936	$18^h\ 53^m$		$+4°\ 6'$		$18^h\ 53^m$		$-53°\ 1'$		$18^h\ 53^m$		$+43°\ 51'$		$18^h\ 56^m$		$+32°\ 35'$	
	s		"		s		"		s		"		s		"	
Jan. 1	1.919	120	66.37	148	20.159	194	29.18	199	22.002	82	38.85	316	32.076	91	62.13	281
11	2.039	156	64.89	145	20.353	255	27.19	193	22.084	136	35.69	313	32.167	136	59.32	278
21	2.195	188	63.44	135	20.608	309	25.26	183	22.220	186	32.56	296	32.303	178	56.54	262
31	2.383	216	62.09	119	20.917	356	23.43	169	22.406	231	29.60	268	32.481	214	53.92	237
Febr. 10	2.599	239	60.90	97	21.273	394	21.74	152	22.637	271	26.92	229	32.695	246	51.55	203
20	2.838	257	59.93	69	21.667	425	20.22	135	22.908	304	24.63	182	32.941	274	49.52	158
März 1	3.095	273	59.24	38	22.092	449	18.87	114	23.212	330	22.81	127	33.215	294	47.94	109
11	3.368	283	58.86	4	22.541	466	17.73	92	23.542	349	21.54	67	33.509	310	46.85	54
21	3.651	291	58.82	30	23.007	477	16.81	70	23.891	359	20.87	5	33.819	320	46.31	2
31	3.942	294	59.12	64	23.484	480	16.11	45	24.250	362	20.82	57	34.139	323	46.33	58
Apr. 10	4.236	292	59.76	95	23.964	477	15.66	21	24.612	356	21.39	115	34.462	320	46.91	112
20	4.528	287	60.71	123	24.441	466	15.45	5	24.968	344	22.54	170	34.782	312	48.03	160
30	4.815	276	61.94	146	24.907	447	15.50	30	25.312	322	24.24	219	35.094	296	49.63	204
Mai 10	5.091	259	63.40	164	25.354	422	15.80	55	25.634	294	26.43	258	35.390	273	51.67	239
20	5.350	239	65.04	176	25.776	386	16.35	80	25.928	259	29.01	291	35.663	246	54.06	268
30	5.589	212	66.80	182	26.162	342	17.15	103	26.187	217	31.92	313	35.909	212	56.74	288
Juni 9	5.801	180	68.62	184	26.504	291	18.18	123	26.404	171	35.05	328	36.121	172	59.62	298
19	5.981	144	70.46	179	26.795	233	19.41	140	26.575	119	38.33	332	36.293	130	62.60	302
29	6.125	105	72.25	172	27.028	169	20.81	153	26.694	66	41.65	329	36.423	83	65.62	298
Juli 8	6.230	63	73.97	159	27.197	101	22.34	161	26.760	11	44.94	318	36.506	35	68.60	287
18	6.293	20	75.56	145	27.298	31	23.95	163	26.771	44	48.12	300	36.541	13	71.47	269
28	6.313	23	77.01	127	27.329	39	25.58	160	26.727	98	51.12	275	36.528	60	74.16	245
Aug. 7	6.290	62	78.28	109	27.290	105	27.18	149	26.629	146	53.87	244	36.468	105	76.61	217
17	6.228	100	79.37	88	27.185	166	28.67	133	26.483	191	56.31	208	36.363	146	78.78	184
27	6.128	130	80.25	68	27.019	218	30.00	112	26.292	229	58.39	168	36.217	179	80.62	149
Sept. 6	5.998	154	80.93	47	26.801	258	31.12	84	26.063	257	60.07	126	36.038	205	82.11	110
16	5.844	169	81.40	26	26.543	285	31.96	52	25.806	276	61.33	80	35.833	223	83.21	69
26	5.675	176	81.66	4	26.258	298	32.48	17	25.530	285	62.13	31	35.610	231	83.90	27
Okt. 6	5.499	172	81.70	16	25.960	292	32.65	19	25.245	282	62.44	17	35.379	228	84.17	16
16	5.327	159	81.54	38	25.668	273	32.46	56	24.963	269	62.27	67	35.151	216	84.01	61
26	5.168	138	81.16	59	25.395	238	31.90	90	24.694	245	61.60	115	34.935	195	83.40	103
Nov. 5	5.030	108	80.57	78	25.157	190	31.00	123	24.449	211	60.45	163	34.740	164	82.37	144
15	4.922	72	79.79	98	24.967	131	29.77	149	24.238	170	58.82	206	34.576	126	80.93	184
25	4.850	33	78.81	115	24.836	64	28.28	171	24.068	120	56.76	244	34.450	84	79.09	217
Dez. 5	4.817	10	77.66	130	24.772	7	26.57	187	23.948	68	54.32	277	34.366	37	76.92	245
15	4.827	51	76.36	141	24.779	78	24.70	196	23.880	11	51.55	300	34.329	11	74.47	267
25	4.878	93	74.95	147	24.857	147	22.74	199	23.869	45	48.55	314	34.340	60	71.80	279
35	4.971		73.48		25.004		20.75		23.914		45.41		34.400		69.01	
Mittl. Ort	2.265		67.66		20.747		27.14		23.285		38.81		32.935		62.24	
sec δ, tg δ	1.003		+0.072		1.662		−1.328		1.387		+0.961		1.187		+0.640	
a, *a'*	+3.0		+4.6		+4.8		+4.6		+1.8		+4.6		+2.2		+4.9	
b, *b'*	0.00		+0.97		−0.02		+0.97		+0.01		+0.97		+0.01		+0.97	

Tag	716) ζ Aquilae AR.		Dekl.		717) λ Aquilae AR.		Dekl.		718) α Coron. austr. AR.		Dekl.		720) π Sagittarii AR.		Dekl.	
1936	19h 2m		+13° 45′		19h 2m		−4° 58′		19h 5m		−38° 0′		19h 5m		−21° 7′	
	s		″		s		″		s		″		s		″	
Jan. 1	27.625	102	60.35	197	50.889	118	49.28	92	6.860	149	24.42	115	57.287	129	39.14	10
11	27.727	141	58.38	194	51.007	154	50.20	89	7.009	196	23.27	114	57.416	167	39.04	11
21	27.868	174	56.44	183	51.161	185	51.09	83	7.205	234	22.13	111	57.583	201	38.93	13
31	28.042	204	54.61	163	51.346	214	51.92	70	7.439	270	21.02	107	57.784	231	38.80	18
Febr. 10	28.246	230	52.98	137	51.560	237	52.62	55	7.709	300	19.95	101	58.015	255	38.62	24
20	28.476	252	51.61	103	51.797	256	53.17	34	8.009	325	18.94	97	58.270	276	38.38	32
März 1	28.728	269	50.58	66	52.053	273	53.51	10	8.334	344	17.97	90	58.546	293	38.06	41
11	28.997	282	49.92	24	52.326	284	53.61	14	8.678	359	17.07	83	58.839	305	37.65	50
21	29.279	291	49.68	19	52.610	293	53.47	41	9.037	369	16.24	74	59.144	315	37.15	61
31	29.570	296	49.87	62	52.903	297	53.06	66	9.406	375	15.50	66	59.459	320	36.54	68
Apr. 10	29.866	296	50.49	101	53.200	298	52.40	88	9.781	376	14.84	55	59.779	321	35.86	75
20	30.162	291	51.50	138	53.498	295	51.52	108	10.157	371	14.29	42	60.100	318	35.11	78
30	30.453	280	52.88	168	53.793	285	50.44	123	10.528	360	13.87	28	60.418	309	34.33	79
Mai 10	30.733	264	54.56	194	54.078	271	49.21	135	10.888	342	13.59	12	60.727	295	33.54	77
20	30.997	242	56.50	212	54.349	251	47.86	140	11.230	319	13.47	4	61.022	275	32.77	73
30	31.239	215	58.62	225	54.600	226	46.46	143	11.549	287	13.51	21	61.297	248	32.04	64
Juni 9	31.454	183	60.87	229	54.826	195	45.03	140	11.836	250	13.72	38	61.545	216	31.40	55
19	31.637	146	63.16	229	55.021	160	43.63	134	12.086	205	14.10	54	61.761	180	30.85	44
29	7 31.783	106	65.45	222	7 55.181	121	42.29	124	8 12.291	157	14.64	67	8 61.941	137	30.41	32
Juli 8	31.889	63	67.67	211	55.302	78	41.05	113	12.448	104	15.31	79	62.078	93	30.09	19
18	31.952	20	69.78	195	55.380	35	39.92	99	12.552	50	16.10	87	62.171	46	29.90	9
28	31.972	24	71.73	175	55.415	8	38.93	83	12.602	6	16.97	90	62.217	1	29.81	2
Aug. 7	31.948	65	73.48	152	55.407	50	38.10	69	12.596	58	17.87	91	62.216	46	29.83	9
17	31.883	103	75.00	128	55.357	88	37.41	54	12.538	107	18.78	85	62.170	88	29.92	15
27	31.780	135	76.28	101	55.269	121	36.87	39	12.431	149	19.63	76	62.082	123	30.07	18
Sept. 6	31.645	160	77.29	73	55.148	146	36.48	25	12.282	183	20.39	62	61.959	152	30.25	19
16	31.485	177	78.02	45	55.002	164	36.23	12	12.099	205	21.01	44	61.807	170	30.44	17
26	31.308	185	78.47	15	54.838	171	36.11	1	11.894	217	21.45	25	61.637	181	30.61	14
Okt. 6	31.123	182	78.62	15	54.667	169	36.12	13	11.677	216	21.70	2	61.456	178	30.75	10
16	30.941	172	78.47	44	54.498	158	36.25	26	11.461	202	21.72	20	61.278	167	30.85	5
26	30.769	151	78.03	73	54.340	137	36.51	37	11.259	176	21.52	42	61.111	144	30.90	0
Nov. 5	30.618	124	77.30	102	54.203	108	36.88	48	11.083	140	21.10	62	60.967	114	30.90	4
15	30.494	89	76.28	128	54.095	73	37.36	61	10.943	96	20.48	79	60.853	77	30.86	6
25	30.405	51	75.00	152	54.022	35	37.97	70	10.847	46	19.69	93	60.776	34	30.80	9
Dez. 5	30.354	9	73.48	172	53.987	8	38.67	81	10.801	7	18.76	104	60.742	10	30.71	9
15	30.345	33	71.76	188	53.995	50	39.48	87	10.808	61	17.72	111	60.752	56	30.62	9
25	30.378	75	69.88	195	54.045	90	40.35	92	10.869	114	16.61	114	60.808	99	30.53	9
35	30.453		67.93		54.135		41.27		10.983		15.47		60.907		30.44	
Mittl. Ort	28.083		60.88		51.157		47.98		7.161		22.12		57.505		37.28	
sec δ, tg δ	1.030		+0.245		1.004		−0.087		1.269		−0.781		1.072		−0.386	
a, *a′*	+2.8		+5.4		+3.2		+5.4		+4.1		+5.6		+3.6		+5.7	
b, *b′*	0.00		+0.96		0.00		+0.96		−0.01		+0.96		−0.01		+0.96	

Tag	723) δ Draconis AR.		723) δ Draconis Dekl.		724) ϑ Lyrae AR.		724) ϑ Lyrae Dekl.		725) ω Aquilae AR.		725) ω Aquilae Dekl.		726) κ Cygni AR.		726) κ Cygni Dekl.	
1936	$19^h\ 12^m$		$+67°\ 32'$		$19^h\ 14^m$		$+38°\ 0'$		$19^h\ 14^m$		$+11°\ 28'$		$19^h\ 15^m$		$+53°\ 14'$	
	s		"		s		"		s		"		s		"	
Jan. 1	29.14	2	59.02	342	7.735	65	68.81	294	48.315	92	43.07	182	35.660	32	61.28	329
11	29.12	9	55.60	343	7.800	113	65.87	294	48.407	130	41.25	179	35.692	100	57.99	330
21	29.21	19	52.17	333	7.913	158	62.93	281	48.537	164	39.46	169	35.792	163	54.69	319
31	29.40	30	48.84	309	8.071	201	60.12	258	48.701	194	37.77	151	35.955	223	51.50	295
Febr. 10	29.70	38	45.75	274	8.272	238	57.54	224	48.895	220	36.26	127	36.178	277	48.55	260
20	30.08	46	43.01	227	8.510	270	55.30	181	49.115	243	34.99	95	36.455	324	45.95	213
März 1	30.54	53	40.74	172	8.780	297	53.49	131	49.358	262	34.04	60	36.779	362	43.82	160
11	31.07	58	39.02	110	9.077	318	52.18	75	49.620	277	33.44	21	37.141	391	42.22	99
21	31.65	60	37.92	46	9.395	332	51.43	17	49.897	287	33.23	21	37.532	411	41.23	36
31	32.25	62	37.46	21	9.727	339	51.26	42	50.184	294	33.44	60	37.943	420	40.87	29
Apr. 10	32.87	61	37.67	87	10.066	339	51.68	100	50.478	297	34.04	99	38.363	419	41.16	92
20	33.48	58	38.54	147	10.405	333	52.68	152	50.775	293	35.03	133	38.782	407	42.08	151
30	34.06	54	40.01	204	10.738	318	54.20	200	51.068	285	36.36	163	39.189	385	43.59	205
Mai 10	34.60	49	42.05	252	11.056	297	56.20	240	51.353	271	37.99	188	39.574	353	45.64	252
20	35.09	41	44.57	292	11.353	268	58.60	273	51.624	251	39.87	205	39.927	312	48.16	289
30	35.50	34	47.49	322	11.621	234	61.33	297	51.875	226	41.92	216	40.239	264	51.05	319
Juni 9	35.84	25	50.71	346	11.855	192	64.30	312	52.101	194	44.08	223	40.503	210	54.24	339
19	36.09	14	54.17	357	12.047	148	67.42	320	52.295	159	46.31	221	40.713	148	57.63	351
29	36.23	6	57.74	362	12.195	98	70.62	319	52.454	119	48.52	215	40.861	86	61.14	352
Juli 9	36.29	5	61.36	355	12.293	47	73.81	310	52.573	77	50.67	203	40.947	19	64.66	345
18	[10] 36.24	15	64.91	343	[10] 12.340	4	76.91	295	[10] 52.650	33	52.70	189	[11] 40.966	47	68.11	331
28	36.09	24	68.34	321	12.336	56	79.86	273	52.683	11	54.59	169	40.919	110	71.42	310
Aug. 7	35.85	33	71.55	293	12.280	104	82.59	246	52.672	53	56.28	149	40.809	170	74.52	281
17	35.52	41	74.48	259	12.176	147	85.05	213	52.619	91	57.77	124	40.639	225	77.33	247
27	35.11	47	77.07	220	12.029	186	87.18	176	52.528	124	59.01	99	40.414	271	79.80	209
Sept. 6	34.64	53	79.27	175	11.843	215	88.94	137	52.404	151	60.00	74	40.143	308	81.89	165
16	34.11	57	81.02	127	11.628	237	90.31	95	52.253	170	60.74	47	39.835	336	83.54	118
26	33.54	59	82.29	76	11.391	249	91.26	50	52.083	180	61.21	18	39.499	352	84.72	68
Okt. 6	32.95	60	83.05	23	11.142	250	91.76	3	51.903	179	61.39	9	39.147	355	85.40	16
16	32.35	59	83.28	33	10.892	241	91.79	43	51.724	170	61.30	37	38.792	346	85.56	37
26	31.76	56	82.95	87	10.651	222	91.36	89	51.554	152	60.93	63	38.446	326	85.19	90
Nov. 5	31.20	52	82.08	143	10.429	194	90.47	135	51.402	126	60.30	90	38.120	292	84.29	141
15	30.68	45	80.65	193	10.235	157	89.12	178	51.276	94	59.40	115	37.828	250	82.88	191
25	30.23	38	78.72	240	10.078	116	87.34	216	51.182	56	58.25	137	37.578	199	80.97	234
Dez. 5	29.85	29	76.32	280	9.962	69	85.18	248	51.126	17	56.88	157	37.379	140	78.63	273
15	29.56	19	73.52	312	9.893	19	82.70	274	51.109	25	55.31	171	37.239	76	75.90	303
25	29.37	8	70.40	334	9.874	31	79.96	289	51.134	65	53.60	179	37.163	11	72.87	323
35	29.29		67.06		9.905		77.07		51.199		51.81		37.152		69.64	
Mittl. Ort	32.74		56.00		8.755		67.22		48.730		43.10		37.476		58.65	
sec δ, tg δ	2.619		+2.420		1.269		+0.782		1.020		+0.203		1.671		+1.339	
a, a'	0.0		+6.2		+2.1		+6.4		+2.8		+6.4		+1.4		+6.5	
b, b'	+0.05		+0.95		+0.02		+0.95		0.00		+0.95		+0.03		+0.95	

Tag	729) τ Draconis				728) α Sagittarii				730) δ Aquilae				733) ι Cygni			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	19h 16m		+73° 13′		19h 19m		−40° 44′		19h 22m		+2° 59′		19h 28m		+51° 35′	
	s		″		s		″		s		″		s		″	
Jan. 1	42.56	8	77.73	338	26.956	133	19.98	136	15.978	93	8.39	133	3.906	18	37.17	321
11	42.48	6	74.35	342	27.089	181	18.62	136	16.071	129	7.06	130	3.924	82	33.96	326
21	42.54	21	70.93	333	27.270	225	17.26	135	16.200	162	5.76	121	4.006	144	30.70	316
31	42.75	34	67.60	312	27.495	263	15.91	132	16.362	192	4.55	107	4.150	201	27.54	296
Febr. 10	43.09	47	64.48	278	27.758	295	14.59	126	16.554	218	3.48	87	4.351	254	24.58	263
20	43.56	58	61.70	233	28.053	323	13.33	120	16.772	239	2.61	61	4.605	302	21.95	219
März 1	44.14	67	59.37	180	28.376	346	12.13	112	17.011	258	2.00	32	4.907	341	19.76	168
11	44.81	73	57.57	119	28.722	364	11.01	103	17.269	273	1.68	0	5.248	372	18.08	110
21	45.54	77	56.38	54	29.086	378	9.98	93	17.542	285	1.68	33	5.620	394	16.98	45
31	46.31	79	55.84	11	29.464	386	9.05	82	17.827	293	2.01	66	6.014	407	16.53	17
Apr. 10	47.10	79	55.95	77	29.850	389	8.23	67	18.120	297	2.67	97	6.421	409	16.70	80
20	47.89	74	56.72	138	30.239	387	7.56	52	18.417	295	3.64	124	6.830	401	17.50	140
30	48.63	70	58.10	194	30.626	378	7.04	35	18.712	289	4.88	147	7.231	384	18.90	194
Mai 10	49.33	62	60.04	243	31.004	363	6.69	16	19.001	276	6.35	165	7.615	356	20.84	242
20	49.95	52	62.47	285	31.367	339	6.53	3	19.277	259	8.00	176	7.971	320	23.26	281
30	50.47	41	65.32	318	31.706	309	6.56	24	19.536	235	9.76	184	8.291	275	26.07	313
Juni 9	50.88	30	68.50	340	32.015	272	6.80	43	19.771	205	11.60	186	8.566	224	29.20	334
19	51.18	17	71.90	355	32.287	227	7.23	61	19.976	171	13.46	182	8.790	167	32.54	347
29	51.35	4	75.45	360	32.514	177	7.84	78	20.147	133	15.28	173	8.957	106	36.01	352
Juli 9	51.39	9	79.05	356	32.691	123	8.62	91	20.280	91	17.01	163	9.063	43	39.53	346
	11				12				12				14			
18	51.30	21	82.61	345	32.814	66	9.53	101	20.371	47	18.64	147	9.106	21	42.99	335
28	51.09	34	86.06	326	32.880	8	10.54	107	20.418	4	20.11	130	9.085	84	46.34	315
Aug. 7	50.75	46	89.32	297	32.888	47	11.61	107	20.422	39	21.41	112	9.001	143	49.49	289
17	50.29	56	92.29	265	32.841	100	12.68	103	20.383	77	22.53	91	8.858	198	52.38	257
27	49.73	64	94.94	228	32.741	146	13.71	93	20.306	112	23.44	72	8.660	245	54.95	218
Sept. 6	49.09	72	97.22	184	32.595	182	14.64	79	20.194	140	24.16	51	8.415	284	57.13	178
16	48.37	77	99.06	138	32.413	210	15.43	59	20.054	159	24.67	30	8.131	312	58.91	131
26	47.60	80	100.44	86	32.203	224	16.02	38	19.895	169	24.97	11	7.819	331	60.22	82
Okt. 6	46.80	82	101.30	34	31.979	227	16.40	13	19.726	171	25.08	10	7.488	336	61.04	32
16	45.98	81	101.64	21	31.752	215	16.53	12	19.555	163	24.98	29	7.152	331	61.36	21
26	45.17	77	101.43	77	31.537	192	16.41	38	19.392	146	24.69	48	6.821	313	61.15	74
Nov. 5	44.40	72	100.66	131	31.345	158	16.03	62	19.246	120	24.21	67	6.508	284	60.41	125
15	43.68	64	99.35	183	31.187	115	15.41	83	19.126	89	23.54	85	6.224	246	59.16	176
25	43.04	55	97.52	231	31.072	66	14.58	102	19.037	52	22.69	101	5.978	198	57.40	220
Dez. 5	42.49	44	95.21	272	31.006	12	13.56	116	18.985	14	21.68	115	5.780	144	55.20	260
15	42.05	31	92.49	306	30.994	43	12.40	125	18.971	27	20.53	125	5.636	85	52.60	292
25	41.74	17	89.43	329	31.037	96	11.15	133	18.998	66	19.28	131	5.551	23	49.68	313
35	41.57		86.14		31.133		9.82		19.064		17.97		5.528		46.55	
Mittl. Ort	47.70		73.99		27.272		17.24		16.290		8.69		5.576		33.41	
sec δ, tg δ	3.467		+3.320		1.320		−0.861		1.001		+0.052		1.610		+1.261	
a, *a*′	−1.1		+6.6		+4.2		+6.8		+3.0		+7.0		+1.5		+7.5	
b, *b*′	+0.07		+0.94		−0.02		+0.94		0.00		+0.94		+0.03		+0.93	

Tag	732) β Cygni				736) *h* Sagittarii				738) ϑ Cygni				742) δ Cygni			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$19^h\ 28^m$		$+27^\circ\ 49'$		$19^h\ 32^m$		$-25^\circ\ 1'$		$19^h\ 34^m$		$+50^\circ\ 4'$		$19^h\ 42^m$		$+44^\circ\ 58'$	
	s		"		s		"		s		"		s		"	
Jan. 1	7.690	63	28.54	254	48.666	103	37.52	42	41.937	13	23.34	315	57.251	15	29.46	302
11	7.753	105	26.00	253	48.769	143	37.10	45	41.950	74	20.19	321	57.266	70	26.44	307
21	7.858	144	23.47	243	48.912	179	36.65	49	42.024	133	16.98	314	57.336	123	23.37	302
31	8.002	180	21.04	224	49.091	211	36.16	54	42.157	190	13.84	293	57.459	173	20.35	283
Febr. 10	8.182	214	18.80	195	49.302	239	35.62	59	42.347	241	10.91	263	57.632	220	17.52	255
20	8.396	243	16.85	156	49.541	264	35.03	65	42.588	287	8.28	220	57.852	261	14.97	214
März 1	8.639	267	15.29	113	49.805	284	34.38	73	42.875	327	6.08	170	58.113	297	12.83	165
11	8.906	287	14.16	63	50.089	301	33.65	78	43.202	358	4.38	112	58.410	328	11.18	111
21	9.193	302	13.53	11	50.390	315	32.87	85	43.560	381	3.26	51	58.738	349	10.07	50
31	9.495	311	13.42	42	50.705	325	32.02	89	43.941	395	2.75	13	59.087	365	9.57	10
Apr. 10	9.806	316	13.84	93	51.030	331	31.13	92	44.336	400	2.88	75	59.452	372	9.67	71
20	10.122	313	14.77	141	51.361	332	30.21	91	44.736	394	3.63	134	59.824	369	10.38	129
30	10.435	303	16.18	183	51.693	327	29.30	88	45.130	379	4.97	189	60.193	358	11.67	181
Mai 10	10.738	290	18.01	220	52.020	316	28.42	82	45.509	354	6.86	237	60.551	339	13.48	229
20	11.028	266	20.21	248	52.336	300	27.60	73	45.863	321	9.23	276	60.890	311	15.77	267
30	11.294	239	22.69	270	52.636	275	26.87	61	46.184	278	11.99	309	61.201	275	18.44	299
Juni 9	11.533	203	25.39	283	52.911	245	26.26	48	46.462	231	15.08	331	61.476	232	21.43	321
19	11.736	165	28.22	290	53.156	209	25.78	33	46.693	175	18.39	345	61.708	184	24.64	335
29	11.901	121	31.12	288	53.365	168	25.45	19	46.868	117	21.84	350	61.892	131	27.99	341
Juli 9	12.022	76	34.00	280	53.533	122	25.26	3	46.985	56	25.34	346	62.023	75	31.40	337
18	14 12.098	28	36.80	265	15 53.655	73	25.23	11	16 47.041	7	28.80	335	18 62.098	17	34.77	326
28	12.126	20	39.45	246	53.728	25	25.34	21	47.034	68	32.15	317	62.115	39	38.03	309
Aug. 7	12.106	65	41.91	221	53.753	24	25.55	31	46.966	127	35.32	291	62.076	95	41.12	285
17	12.041	107	44.12	192	53.729	69	25.86	38	46.839	180	38.23	260	61.981	144	43.97	254
27	11.934	143	46.04	161	53.660	108	26.24	40	46.659	227	40.83	223	61.837	190	46.51	220
Sept. 6	11.791	173	47.65	125	53.552	142	26.64	40	46.432	267	43.06	182	61.647	226	48.71	180
16	11.618	195	48.90	88	53.410	166	27.04	36	46.165	295	44.88	138	61.421	255	50.51	138
26	11.423	207	49.78	50	53.244	180	27.40	30	45.870	314	46.26	89	61.166	274	51.89	91
Okt. 6	11.216	211	50.28	10	53.064	184	27.70	22	45.556	322	47.15	39	60.892	282	52.80	43
16	11.005	204	50.38	31	52.880	176	27.92	13	45.234	317	47.54	13	60.610	278	53.23	7
26	10.801	188	50.07	71	52.704	159	28.05	2	44.917	301	47.41	65	60.332	265	53.16	58
Nov. 5	10.613	164	49.36	111	52.545	132	28.07	7	44.616	274	46.76	117	60.067	242	52.58	107
15	10.449	132	48.25	148	52.413	97	28.00	16	44.342	239	45.59	167	59.825	209	51.51	155
25	10.317	95	46.77	181	52.316	58	27.84	23	44.103	193	43.92	212	59.616	169	49.96	200
Dez. 5	10.222	54	44.96	211	52.258	15	27.61	29	43.910	143	41.80	252	59.447	123	47.96	238
15	10.168	11	42.85	233	52.243	29	27.32	35	43.767	85	39.28	284	59.324	73	45.58	270
25	10.157	33	40.52	249	52.272	73	26.97	38	43.682	27	36.44	307	59.251	20	42.88	294
35	10.190		38.03		52.345		26.59		43.655		33.37		59.231		39.94	
Mittl. Ort	8.386		26.58		48.859		35.36		43.490		19.04		58.502		24.81	
sec δ, tg δ	1.131		+0.528		1.104		−0.467		1.558		+1.195		1.414		+0.999	
a, a′	+2.4		+7.5		+3.6		+7.9		+1.6		+8.0		+1.9		+8.7	
b, b′	+0.01		+0.93		−0.01		+0.92		+0.03		+0.92		+0.03		+0.90	

Scheinbare Sternörter 1936

Tag	741) γ Aquilae				743) δ Sagittae				745) α Aquilae [1])				747) ε Draconis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	19h 43m		+10° 27′		19h 44m		+18° 22′		19h 47m		+8° 41′		19h 48m		+70° 6′	
	s		″		s		″		s		″		s		″	
Jan. 1	12.648	66	22.91	167	31.553	57	32.81	206	39.292	67	53.86	155	19.97	14	24.68	325
11	12.714	103	21.24	166	31.610	95	30.75	206	39.359	103	52.31	154	19.83	1	21.43	337
21	12.817	137	19.58	158	31.705	131	28.69	199	39.462	137	50.77	146	19.82	11	18.06	336
31	12.954	168	18.00	143	31.836	165	26.70	182	39.599	168	49.31	130	19.93	22	14.70	323
Febr. 10	13.122	196	16.57	120	32.001	195	24.88	158	39.767	196	48.01	109	20.15	34	11.47	297
20	13.318	223	15.37	92	32.196	223	23.30	125	39.963	222	46.92	82	20.49	44	8.50	258
März 1	13.541	244	14.45	58	32.419	247	22.05	87	40.185	243	46.10	49	20.93	52	5.92	210
11	13.785	264	13.87	21	32.666	267	21.18	45	40.428	264	45.61	13	21.45	60	3.82	154
21	14.049	279	13.66	18	32.933	283	20.73	1	40.692	278	45.48	24	22.05	64	2.28	91
31	14.328	290	13.84	57	33.216	296	20.74	46	40.970	290	45.72	63	22.69	68	1.37	27
Apr. 10	14.618	297	14.41	95	33.512	302	21.20	90	41.260	297	46.35	98	23.37	69	1.10	40
20	14.915	299	15.36	129	33.814	304	22.10	132	41.557	300	47.33	131	24.06	67	1.50	102
30	15.214	294	16.65	159	34.118	300	23.42	168	41.857	296	48.64	159	24.73	64	2.52	162
Mai 10	15.508	285	18.24	184	34.418	288	25.10	199	42.153	287	50.23	182	25.37	60	4.14	215
20	15.793	269	20.08	203	34.706	271	27.09	223	42.440	271	52.05	200	25.97	52	6.29	262
30	16.062	247	22.11	215	34.977	248	29.32	241	42.711	249	54.05	211	26.49	45	8.91	301
Juni 9	16.309	218	24.26	222	35.225	218	31.73	252	42.960	221	56.16	216	26.94	36	11.92	330
19	16.527	185	26.48	221	35.443	182	34.25	255	43.181	188	58.32	216	27.30	25	15.22	351
29	16.712	146	28.69	217	35.625	144	36.80	253	43.369	150	60.48	211	27.55	14	18.73	362
Juli 9	16.858	104	30.86	206	35.769	99	39.33	245	43.519	109	62.59	199	27.69	4	22.35	366
18*)	[18] 16.962	60	32.92	193	[18] 35.868	55	41.78	231	[19] 43.628	64	64.58	184	[19] 27.73	8	26.01	360
28	17.022	16	34.85	174	35.923	10	44.09	213	43.692	21	66.42	167	27.65	19	29.61	347
Aug. 7	17.038	27	36.59	153	35.933	35	46.22	191	43.713	23	68.09	147	27.46	29	33.08	326
17	17.011	68	38.12	131	35.898	76	48.13	165	43.690	64	69.56	124	27.17	39	36.34	298
27	16.943	104	39.43	107	35.822	113	49.78	138	43.626	100	70.80	100	26.78	47	39.32	264
Sept. 6	16.839	135	40.50	81	35.709	144	51.16	108	43.526	131	71.80	76	26.31	53	41.96	225
16	16.704	156	41.31	55	35.565	166	52.24	77	43.395	152	72.56	51	25.78	60	44.21	181
26	16.548	170	41.86	29	35.399	181	53.01	45	43.243	167	73.07	26	25.18	64	46.02	131
Okt. 6	16.378	175	42.15	2	35.218	186	53.46	12	43.076	171	73.33	1	24.54	66	47.33	80
16	16.203	170	42.17	24	35.032	182	53.58	22	42.905	168	73.34	24	23.88	67	48.13	25
26	16.033	157	41.93	50	34.850	169	53.36	54	42.737	154	73.10	47	23.21	65	48.38	31
Nov. 5	15.876	136	41.43	76	34.681	147	52.82	86	42.583	133	72.63	71	22.56	61	48.07	87
15	15.740	107	40.67	99	34.534	120	51.96	118	42.450	105	71.92	94	21.95	57	47.20	143
25	15.633	74	39.68	121	34.414	86	50.78	145	42.345	72	70.98	113	21.38	50	45.77	195
Dez. 5	15.559	38	38.47	141	34.328	49	49.33	169	42.273	36	69.85	131	20.88	41	43.82	242
15	15.521	1	37.06	155	34.279	10	47.64	189	42.237	2	68.54	144	20.47	31	41.40	281
25	15.522	40	35.51	164	34.269	29	45.75	202	42.239	40	67.10	153	20.16	20	38.59	312
35	15.562		33.87		34.298		43.73		42.279		65.57		19.96		35.47	
Mittl. Ort	13.009		21.71		32.027		30.70		39.628		52.75		23.98		17.56	
sec δ, tg δ	1.017		+0.184		1.054		+0.332		1.012		+0.153		2.939		+2.763	
a, *a′*	+2.9		+8.7		+2.7		+8.8		+2.9		+9.1		−0.2		+9.1	
b, *b′*	+0.01		+0.90		+0.01		+0.90		0.00		+0.89		+0.08		+0.89	

[1]) Die jährliche Parallaxe (0.″204) ist bereits berücksichtigt.
*) Bei Stern 745) und 747) lies Juli 19

Tag	749) β Aquilae AR.		749) β Aquilae Dekl.		748) ε Pavonis AR.		748) ε Pavonis Dekl.		750) ψ Cygni AR.		750) ψ Cygni Dekl.		751) ϑ¹ Sagittarii AR.		751) ϑ¹ Sagittarii Dekl.	
1936	$19^h\ 52^m$		$+6°\ 14'$		$19^h\ 53^m$		$-73°\ 4'$		$19^h\ 53^m$		$+52°\ 15'$		$19^h\ 55^m$		$-35°\ 26'$	
	s		"		s		"		s		"		s		"	
Jan. 1	9.864	61	45.34	142	11.39	9	60.68	305	56.903	22	72.21	311	34.193	83	67.12	109
11	9.925	97	43.92	142	11.48	23	57.63	312	56.881	42	69.10	321	34.276	126	66.03	117
21	10.022	131	42.50	134	11.71	36	54.51	309	56.923	104	65.89	318	34.402	168	64.86	122
31	10.153	162	41.16	121	12.07	47	51.42	299	57.027	165	62.71	303	34.570	206	63.64	125
Febr. 10	10.315	190	39.95	100	12.54	59	48.43	283	57.192	221	59.68	276	34.776	238	62.39	127
20	10.505	216	38.95	74	13.13	67	45.60	260	57.413	274	56.92	237	35.014	269	61.12	128
März 1	10.721	238	38.21	43	13.80	75	43.00	232	57.687	319	54.55	190	35.283	295	59.84	129
11	10.959	258	37.78	10	14.55	81	40.68	202	58.006	357	52.65	134	35.578	317	58.55	126
21	11.217	275	37.68	26	15.36	87	38.66	165	58.363	387	51.31	74	35.895	336	57.29	122
31	11.492	287	37.94	61	16.23	89	37.01	127	58.750	406	50.57	10	36.231	351	56.07	117
Apr. 10	11.779	296	38.55	95	17.12	91	35.74	87	59.156	417	50.47	52	36.582	361	54.90	109
20	12.075	299	39.50	126	18.03	92	34.87	45	59.573	415	50.99	113	36.943	366	53.81	98
30	12.374	297	40.76	152	18.95	90	34.42	2	59.988	404	52.12	170	37.309	365	52.83	84
Mai 10	12.671	289	42.28	174	19.85	86	34.40	40	60.392	382	53.82	220	37.674	356	51.99	69
20	12.960	274	44.02	190	20.71	81	34.80	83	60.774	351	56.02	264	38.030	341	51.30	50
30	13.234	254	45.92	200	21.52	75	35.63	121	61.125	310	58.66	299	38.371	317	50.80	30
Juni 9	13.488	227	47.92	204	22.27	65	36.84	158	61.435	261	61.65	326	38.688	287	50.50	9
19	13.715	194	49.96	203	22.92	55	38.42	190	61.696	206	64.91	344	38.975	250	50.41	11
29	13.909	156	51.99	197	23.47	43	40.32	216	61.902	146	68.35	353	39.225	205	50.52	32
Juli 9	14.065	116	53.96	186	23.90	30	42.48	236	62.048	82	71.88	354	39.430	156	50.84	51
19	20 14.181	72	55.82	171	20 24.20	16	44.84	248	20 62.130	17	75.42	346	21 39.586	104	51.35	67
28	14.253	28	57.53	154	24.36	2	47.32	252	62.147	48	78.88	331	39.690	49	52.02	79
Aug. 7	14.281	16	59.07	134	24.38	12	49.84	247	62.099	110	82.19	308	39.739	6	52.81	88
17	14.265	57	60.41	113	24.26	26	52.31	234	61.989	168	85.27	281	39.733	57	53.69	92
27	14.208	94	61.54	91	24.00	38	54.65	210	61.821	219	88.08	246	39.676	104	54.61	91
Sept. 6	14.114	125	62.45	68	23.62	48	56.75	179	61.602	263	90.54	206	39.572	144	55.52	84
16	13.989	148	63.13	45	23.14	57	58.54	139	61.339	297	92.60	163	39.428	175	56.36	74
26	13.841	164	63.58	21	22.57	63	59.93	93	61.042	321	94.23	116	39.253	196	57.10	60
Okt. 6	13.677	169	63.79	0	21.94	67	60.86	43	60.721	333	95.39	66	39.057	205	57.70	41
16	13.508	166	63.79	24	21.27	66	61.29	10	60.388	334	96.05	13	38.852	202	58.11	20
26	13.342	154	63.55	45	20.61	64	61.19	65	60.054	323	96.18	39	38.650	188	58.31	0
Nov. 5	13.188	133	63.10	67	19.97	58	60.54	118	59.731	300	95.79	94	38.462	163	58.31	23
15	13.055	108	62.43	87	19.39	49	59.36	167	59.431	268	94.85	144	38.299	130	58.08	43
25	12.947	75	61.56	105	18.90	39	57.69	211	59.163	226	93.41	193	38.169	89	57.65	62
Dez. 5	12.872	39	60.51	121	18.51	27	55.58	247	58.937	176	91.48	237	38.080	45	57.03	79
15	12.833	3	59.30	133	18.24	13	53.11	276	58.761	121	89.11	272	38.035	2	56.24	92
25	12.830	35	57.97	141	18.11	1	50.35	297	58.640	61	86.39	300	38.037	50	55.32	103
35	12.865		56.56		18.10		47.38		58.579		83.39		38.087		54.29	
Mittl. Ort	10.160		44.23		13.28		55.68		58.535		65.88		34.396		63.87	
sec δ, tg δ	1.006		+0.109		3.436		−3.288		1.634		+1.292		1.228		−0.712	
a, a'	+2.9		+9.4		+6.9		+9.5		+1.6		+9.6		+3.9		+9.7	
b, b'	0.00		+0.88		−0.10		+0.88		+0.04		+0.88		−0.02		+0.88	

Tag	752) γ Sagittae AR.		752) γ Sagittae Dekl.		754) δ Pavonis AR.		754) δ Pavonis Dekl.		756) ϑ Aquilae AR.		756) ϑ Aquilae Dekl.		759) ϰ Cephei AR.		759) ϰ Cephei Dekl.	
1936	$19^h\ 55^m$		+19° 18′		$20^h\ 2^m$		−66° 20′		$20^h\ 7^m$		−1° 0′		$20^h\ 10^m$		+77° 30′	
	s		"		s		"		s		"		s		"	
Jan. 1	54.154	45	64.53	205	26.84	8	57.15	273	59.995	52	44.73	97	58.01	37	80.37	306
11	54.199	83	62.48	208	26.92	17	54.42	283	60.047	87	45.70	94	57.64	18	77.31	325
21	54.282	119	60.40	201	27.09	27	51.59	284	60.134	120	46.64	87	57.46	—1	74.06	333
31	54.401	153	58.39	186	27.36	34	48.75	278	60.254	151	47.51	74	57.47	20	70.73	327
Febr. 10	54.554	186	56.53	162	27.70	42	45.97	266	60.405	179	48.25	57	57.67	39	67.46	308
20	54.740	213	54.91	131	28.12	49	43.31	250	60.584	206	48.82	36	58.06	57	64.38	277
März 1	54.953	240	53.60	93	28.61	55	40.81	228	60.790	229	49.18	9	58.63	72	61.61	236
11	55.193	262	52.67	50	29.16	59	38.53	201	61.019	251	49.27	—18	59.35	84	59.25	184
21	55.455	280	52.17	6	29.75	64	36.52	171	61.270	269	49.09	47	60.19	94	57.41	126
31	55.735	294	52.11	—41	30.39	66	34.81	139	61.539	284	48.62	75	61.13	101	56.15	63
Apr. 10	56.029	303	52.52	86	31.05	68	33.42	103	61.823	295	47.87	103	62.14	104	55.52	—1
20	56.332	307	53.38	128	31.73	69	32.39	65	62.118	301	46.84	127	63.18	103	55.53	64
30	56.639	304	54.66	165	32.42	68	31.74	27	62.419	301	45.57	147	64.21	100	56.17	126
Mai 10	56.943	294	56.31	198	33.10	66	31.47	—14	62.720	297	44.10	162	65.21	92	57.43	181
20	57.237	279	58.29	223	33.76	62	31.61	52	63.017	285	42.48	173	66.13	84	59.24	232
30	57.516	256	60.52	243	34.38	58	32.13	91	63.302	267	40.75	178	66.97	71	61.56	275
Juni 9	57.772	227	62.95	255	34.96	52	33.04	126	63.569	242	38.97	178	67.68	58	64.31	309
19	57.999	193	65.50	260	35.48	44	34.30	159	63.811	211	37.19	174	68.26	43	67.40	337
29	58.192	154	68.10	259	35.92	36	35.89	187	64.022	175	35.45	165	68.69	25	70.77	354
Juli 9	58.346	110	70.69	251	36.28	27	37.76	208	64.197	135	33.80	152	68.94	10	74.31	363
19	21 58.456	66	73.20	239	23 36.55	16	39.84	224	24 64.332	92	32.28	137	25 69.04	—8	77.94	365
28	58.522	20	75.59	221	36.71	6	42.08	231	64.424	47	30.91	120	68.96	25	81.59	357
Aug. 7	58.542	—26	77.80	200	36.77	—4	44.39	231	64.471	3	29.71	102	68.71	41	85.16	343
17	58.516	67	79.80	175	36.73	15	46.70	222	64.474	—40	28.69	82	68.30	56	88.59	321
27	58.449	106	81.55	147	36.58	24	48.92	204	64.434	78	27.87	63	67.74	70	91.80	292
Sept. 6	58.343	137	83.02	117	36.34	31	50.96	178	64.356	110	27.24	44	67.04	81	94.72	258
16	58.206	162	84.19	86	36.03	39	52.74	145	64.246	137	26.80	26	66.23	92	97.30	218
26	58.044	178	85.05	53	35.64	43	54.19	104	64.109	153	26.54	9	65.31	100	99.48	172
Okt. 6	57.866	185	85.58	21	35.21	46	55.23	59	63.956	162	26.45	—7	64.31	104	101.20	123
16	57.681	182	85.79	—14	34.75	46	55.82	—11	63.794	162	26.52	23	63.27	107	102.43	69
26	57.499	172	85.65	48	34.29	45	55.93	39	63.632	151	26.75	37	62.20	107	103.12	14
Nov. 5	57.327	152	85.17	80	33.84	40	55.54	89	63.481	133	27.12	51	61.13	104	103.26	—43
15	57.175	126	84.37	112	33.44	34	54.65	134	63.348	110	27.63	63	60.09	98	102.83	100
25	57.049	95	83.25	141	33.10	27	53.31	177	63.238	79	28.26	76	59.11	89	101.83	155
Dez. 5	56.954	59	81.84	167	32.83	19	51.54	213	63.159	45	29.02	85	58.22	78	100.28	207
15	56.895	21	80.17	187	32.64	8	49.41	242	63.114	10	29.87	92	57.44	64	98.21	251
25	56.874	—18	78.30	201	32.56	—1	46.99	264	63.104	—27	30.79	97	56.80	48	95.70	289
35	56.892		76.29		32.57		44.35		63.131		31.76		56.32		92.81	
Mittl. Ort	54.619		61.67		27.93		51.84		60.193		45.44		64.72		70.34	
sec δ, tg δ	1.060		+0.350		2.493		−2.283		1.000		−0.018		4.627		+4.518	
a, a′	+2.7		+9.7		+5.7		+10.2		+3.1		+10.6		−2.0		+10.8	
b, b′	+0.01		+0.87		−0.08		+ 0.86		0.00		+ 0.85		+0.16		+ 0.84	

Tag	757) o¹ Cygni sq. AR.		Dekl.		760) 24 Vulpeculae AR.		Dekl.		761) α² Capricorni AR.		Dekl.		765) γ Cygni AR.		Dekl.	
1936	20ʰ 11ᵐ		+46° 32′		20ʰ 14ᵐ		+24° 28′		20ʰ 14ᵐ		−12° 44′		20ʰ 19ᵐ		+40° 2′	
	s		″		s		″		s		″		s		″	
Jan. 1	35.748	25	54.23	291	2.243	20	26.77	220	30.193	53	40.90	27	54.928	16	70.55	271
11	35.723	30	51.32	303	2.263	60	24.57	226	30.246	88	41.17	20	54.912	31	67.84	281
21	35.753	83	48.29	303	2.323	97	22.31	222	30.334	122	41.37	13	54.943	79	65.03	282
31	35.836	136	45.26	290	2.420	134	20.09	209	30.456	154	41.50	3	55.022	125	62.21	271
Febr. 10	35.972	187	42.36	267	2.554	168	18.00	187	30.610	182	41.53	11	55.147	169	59.50	249
20	36.159	233	39.69	233	2.722	201	16.13	155	30.792	210	41.42	27	55.316	211	57.01	217
März 1	36.392	276	37.36	188	2.923	230	14.58	117	31.002	233	41.15	45	55.527	249	54.84	174
11	36.668	313	35.48	137	3.153	256	13.41	74	31.235	255	40.70	63	55.776	283	53.10	125
21	36.981	343	34.11	79	3.409	278	12.67	26	31.490	275	40.07	82	56.059	311	51.85	71
31	37.324	365	33.32	19	3.687	296	12.41	24	31.765	291	39.25	99	56.370	333	51.14	13
Apr. 10	37.689	379	33.13	42	3.983	308	12.65	71	32.056	302	38.26	115	56.703	348	51.01	44
20	38.068	383	33.55	102	4.291	315	13.36	119	32.358	311	37.11	127	57.051	355	51.45	101
30	38.451	378	34.57	156	4.606	314	14.55	160	32.669	313	35.84	136	57.406	353	52.46	153
Mai 10	38.829	365	36.13	207	4.920	308	16.15	197	32.982	308	34.48	140	57.759	344	53.99	201
20	39.194	341	38.20	250	5.228	293	18.12	228	33.290	299	33.08	141	58.103	326	56.00	241
30	39.535	309	40.70	286	5.521	271	20.40	253	33.589	281	31.67	136	58.429	298	58.41	276
Juni 9	39.844	269	43.56	313	5.792	244	22.93	269	33.870	257	30.31	130	58.727	265	61.17	301
19	40.113	221	46.69	332	6.036	209	25.62	278	34.127	227	29.01	117	58.992	223	64.18	319
29	40.334	170	50.01	343	6.245	169	28.40	281	34.354	191	27.84	104	59.215	178	67.37	328
Juli 9	40.504	113	53.44	345	6.414	126	31.21	276	34.545	149	26.80	88	59.393	126	70.65	330
19	[25] 40.617	54	56.89	340	[26] 6.540	80	33.97	267	[26] 34.694	106	25.92	71	[27] 59.519	74	73.95	324
28	40.671	4	60.29	326	6.620	33	36.64	250	34.800	60	25.21	54	59.593	19	77.19	311
Aug. 7	40.667	62	63.55	306	6.653	14	39.14	229	34.860	13	24.67	37	59.612	34	80.30	292
17	40.605	116	66.61	280	6.639	59	41.43	205	34.873	30	24.30	22	59.578	85	83.22	266
27	40.489	166	69.41	249	6.580	98	43.48	177	34.843	72	24.08	7	59.493	130	85.88	236
Sept. 6	40.323	207	71.90	211	6.482	133	45.25	145	34.771	106	24.01	4	59.363	170	88.24	201
16	40.116	241	74.01	171	6.349	160	46.70	113	34.665	133	24.05	14	59.193	202	90.25	163
26	39.875	266	75.72	126	6.189	180	47.83	76	34.532	153	24.19	21	58.991	225	91.88	120
Okt. 6	39.609	279	76.98	79	6.009	190	48.59	41	34.379	163	24.40	26	58.766	239	93.08	76
16	39.330	283	77.77	29	5.819	190	49.00	3	34.216	163	24.66	29	58.527	243	93.84	29
26	39.047	276	78.06	22	5.629	183	49.03	34	34.053	153	24.95	32	58.284	237	94.13	18
Nov. 5	38.771	259	77.84	74	5.446	168	48.69	72	33.900	136	25.27	33	58.047	223	93.95	67
15	38.512	232	77.10	123	5.278	144	47.97	108	33.764	112	25.60	34	57.824	199	93.28	113
25	38.280	198	75.87	171	5.134	114	46.89	141	33.652	81	25.94	33	57.625	168	92.15	158
Dez. 5	38.082	157	74.16	214	5.020	82	45.48	171	33.571	47	26.27	34	57.457	132	90.57	198
15	37.925	109	72.02	250	4.938	45	43.77	196	33.524	10	26.61	32	57.325	91	88.59	232
25	37.816	60	69.52	279	4.893	6	41.81	213	33.514	27	26.93	30	57.234	46	86.27	259
35	37.756		66.73		4.887		39.68		33.541		27.23		57.188		83.68	
Mittl. Ort	36.975		46.87		2.756		22.14		30.315		40.10		55.844		63.31	
sec δ, tg δ	1.454		+1.055		1.099		+0.455		1.025		−0.226		1.306		+0.841	
a, *a′*	+1.9		+10.9		+2.6		+11.1		+3.3		+11.1		+2.2		+11.5	
b, *b′*	+0.04		+ 0.84		+0.02		+ 0.83		−0.01		+ 0.83		+0.03		+ 0.82	

Tag	764) α Pavonis				767) ϑ Cephei				768) ε Delphini				770) 73 Draconis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$20^h\ 20^m$		$-56°\ 56'$		$20^h\ 28^m$		$+62°\ 46'$		$20^h\ 30^m$		$+11°\ 4'$		$20^h\ 32^m$		$+74°\ 43'$	
	s		"		s		"		s		"		s		"	
Jan. 1	35.287	41	36.29	230	28.26	14	53.43	300	9.065	21	67.66	154	17.46	35	80.33	293
11	35.328	110	33.99	243	28.12	5	50.43	320	9.086	57	66.12	155	17.11	20	77.40	318
21	35.438	174	31.56	249	28.07	3	47.23	328	9.143	89	64.57	151	16.91	4	74.22	331
31	35.612	235	29.07	251	28.10	11	43.95	324	9.232	123	63.06	139	16.87	11	70.91	329
Febr. 10	35.847	290	26.56	248	28.21	20	40.71	305	9.355	154	61.67	120	16.98	26	67.62	317
20	36.137	340	24.08	238	28.41	27	37.66	276	9.509	183	60.47	94	17.24	41	64.45	289
März 1	36.477	385	21.70	226	28.68	35	34.90	235	9.692	210	59.53	63	17.65	55	61.56	252
11	36.862	424	19.44	208	29.03	42	32.55	185	9.902	236	58.90	28	18.20	66	59.04	204
21	37.286	457	17.36	187	29.45	46	30.70	127	10.138	258	58.62	9	18.86	75	57.00	148
31	37.743	483	15.49	163	29.91	50	29.43	65	10.396	277	58.71	49	19.61	81	55.52	88
Apr. 10	38.226	503	13.86	135	30.41	53	28.78	1	10.673	291	59.20	87	20.42	86	54.64	23
20	38.729	514	12.51	105	30.94	53	28.77	62	10.964	301	60.07	122	21.28	87	54.41	40
30	39.243	516	11.46	72	31.47	53	29.39	124	11.265	305	61.29	154	22.15	86	54.81	102
Mai 10	39.759	507	10.74	38	32.00	51	30.63	181	11.570	302	62.83	181	23.01	81	55.83	161
20	40.266	490	10.36	3	32.51	47	32.44	231	11.872	293	64.64	203	23.82	75	57.44	214
30	40.756	460	10.33	33	32.98	43	34.75	275	12.165	275	66.67	217	24.57	66	59.58	260
Juni 9	41.216	419	10.66	68	33.41	36	37.50	311	12.440	253	68.84	227	25.23	56	62.18	299
19	41.635	369	11.34	100	33.77	30	40.61	338	12.693	223	71.11	230	25.79	44	65.17	329
29	42.004	308	12.34	129	34.07	23	43.99	357	12.916	188	73.41	228	26.23	31	68.46	351
Juli 9	42.312	240	13.63	155	34.30	14	47.56	366	13.104	148	75.69	219	26.54	18	71.97	365
19	42.552	165	15.18	175	34.44	6	51.22	368	13.252	105	77.88	208	26.72	3	75.62	370
28 *)	[27] 42.717	87	16.93	188	[29] 34.50	3	54.90	362	[30] 13.357	60	79.96	190	[30] 26.75	10	79.32	367
Aug. 7	42.804	8	18.81	195	34.47	11	58.52	347	13.417	15	81.86	171	26.65	24	82.99	357
17	42.812	69	20.76	194	34.36	19	61.99	325	13.432	28	83.57	149	26.41	38	86.56	337
27	42.743	142	22.70	185	34.17	25	65.24	297	13.404	68	85.06	125	26.03	48	89.93	313
Sept. 6	42.601	206	24.55	168	33.92	32	68.21	262	13.336	102	86.31	100	25.55	60	93.06	281
16	42.395	258	26.23	144	33.60	38	70.83	223	13.234	130	87.31	74	24.95	68	95.87	242
26	42.137	297	27.67	113	33.22	41	73.06	177	13.104	151	88.05	47	24.27	76	98.29	200
Okt. 6	41.840	321	28.80	76	32.81	44	74.83	128	12.953	162	88.52	21	23.51	81	100.29	151
16	41.519	327	29.56	37	32.37	46	76.11	75	12.791	165	88.73	5	22.70	85	101.80	98
26	41.192	317	29.93	7	31.91	45	76.86	19	12.626	160	88.68	31	21.85	85	102.78	43
Nov. 5	40.875	292	29.86	50	31.46	45	77.05	37	12.466	146	88.37	57	21.00	84	103.21	14
15	40.583	252	29.36	91	31.01	41	76.68	94	12.320	126	87.80	81	20.16	80	103.07	73
25	40.331	202	28.45	131	30.60	37	75.74	148	12.194	100	86.99	103	19.36	74	102.34	130
Dez. 5	40.129	140	27.14	165	30.23	33	74.26	200	12.094	70	85.96	123	18.62	65	101.04	183
15	39.989	75	25.49	194	29.90	25	72.26	246	12.024	37	84.73	139	17.97	56	99.21	233
25	39.914	7	23.55	218	29.65	19	69.80	282	11.987	3	83.34	151	17.41	42	96.88	273
35	39.907		21.37		29.46		66.98		11.984		81.83		16.99		94.15	
Mittl. Ort	35.814		30.64		30.67		42.72		9.319		64.30		22.49		68.22	
sec δ, tg δ	1.833		−1.536		2.186		+1.944		1.019		+0.196		3.798		+3.664	
a, a′	+4.8		+11.5		+1.0		+12.1		+2.9		+12.2		−0.8		+12.4	
b, b′	−0.06		+ 0.82		+0.08		+ 0.80		+0.01		+ 0.79		+0.15		+ 0.79	

*) Bei Stern 767), 768) und 770) lies Juli 29

Tag	769) α Indi AR.		769) α Indi Dekl.		771) β Delphini AR.		771) β Delphini Dekl.	
1936	20h 33m		−47° 30′		20h 34m		+14° 22′	
	s		"		s		"	
Jan. 1	4.075	31	63.89	179	32.578	14	20.97	168
11	4.106	83	62.10	193	32.592	49	19.29	171
21	4.189	134	60.17	205	32.641	84	17.58	167
31	4.323	182	58.12	210	32.725	117	15.91	156
Febr. 10	4.505	226	56.02	211	32.842	148	14.35	137
20	4.731	267	53.91	211	32.990	180	12.98	111
März 1	4.998	305	51.80	206	33.170	208	11.87	78
11	5.303	337	49.74	196	33.378	234	11.09	42
21	5.640	367	47.78	185	33.612	257	10.67	2
31	6.007	391	45.93	170	33.869	278	10.65	39
Apr. 10	6.398	411	44.23	151	34.147	292	11.04	80
20	6.809	424	42.72	128	34.439	303	11.84	118
30	7.233	430	41.44	104	34.742	308	13.02	154
Mai 10	7.663	426	40.40	77	35.050	304	14.56	183
20	8.089	416	39.63	47	35.354	296	16.39	207
30	8.505	395	39.16	15	35.650	279	18.46	226
Juni 9	8.900	364	39.01	15	35.929	256	20.72	237
19	9.264	326	39.16	46	36.185	226	23.09	243
29	9.590	277	39.62	75	36.411	191	25.52	242
Juli 9	9.867	223	40.37	101	36.602	151	27.94	236
19	10.090	162	41.38	123	36.753	107	30.30	224
29	[30] 10.252	98	42.61	141	[31] 36.860	62	32.54	209
Aug. 7	10.350	33	44.02	152	36.922	18	34.63	189
17	10.383	31	45.54	158	36.940	27	36.52	166
27	10.352	91	47.12	156	36.913	67	38.18	142
Sept. 6	10.261	146	48.68	148	36.846	102	39.60	116
16	10.115	189	50.16	131	36.744	130	40.76	87
26	9.926	224	51.47	110	36.614	152	41.63	60
Okt. 6	9.702	244	52.57	83	36.462	164	42.23	30
16	9.458	251	53.40	52	36.298	167	42.53	1
26	9.207	246	53.92	17	36.131	164	42.54	27
Nov. 5	8.961	227	54.09	18	35.967	150	42.27	56
15	8.734	197	53.91	54	35.817	131	41.71	83
25	8.537	158	53.37	86	35.686	106	40.88	109
Dez. 5	8.379	111	52.51	117	35.580	76	39.79	131
15	8.268	60	51.34	144	35.504	44	38.48	150
25	8.208	7	49.90	166	35.460	10	36.98	163
35	8.201		48.24		35.450		35.35	
Mittl. Ort	4.324		58.59		32.860		16.84	
sec δ, tg δ	1.481		−1.092		1.032		+0.256	
a, *a′*	+4.2		+12.4		+2.8		+12.5	
b, *b′*	−0.05		+ 0.79		+0.01		+ 0.78	

Tag	773) υ Capricorni AR.		773) υ Capricorni Dekl.		774) α Delphini AR.		774) α Delphini Dekl.	
1936	20h 36m		−18° 21′		20h 36m		+15° 40′	
	s		"		s		"	
Jan. 1	24.480	33	56.48	10	39.626	11	70.80	172
11	24.513	69	56.38	18	39.637	46	69.08	178
21	24.582	103	56.20	28	39.683	80	67.30	173
31	24.685	136	55.92	39	39.763	114	65.57	163
Febr. 10	24.821	166	55.53	52	39.877	146	63.94	143
20	24.987	195	55.01	66	40.023	178	62.51	118
März 1	25.182	221	54.35	80	40.201	206	61.33	84
11	25.403	247	53.55	94	40.407	233	60.49	48
21	25.650	269	52.61	108	40.640	257	60.01	6
31	25.919	289	51.53	122	40.897	278	59.95	35
Apr. 10	26.208	305	50.31	131	41.175	293	60.30	77
20	26.513	316	49.00	137	41.468	304	61.07	117
30	26.829	322	47.63	142	41.772	308	62.24	152
Mai 10	27.151	321	46.21	140	42.080	306	63.76	184
20	27.472	315	44.81	136	42.386	297	65.60	209
30	27.787	300	43.45	126	42.683	281	67.69	228
Juni 9	28.087	278	42.19	115	42.964	258	69.97	242
19	28.365	250	41.04	99	43.222	228	72.39	247
29	28.615	215	40.05	82	43.450	192	74.86	248
Juli 9	28.830	175	39.23	63	43.642	152	77.34	242
19	29.005	130	38.60	43	43.794	108	79.76	231
29	[31] 29.135	83	38.17	25	[31] 43.902	64	82.07	216
Aug. 7	29.218	36	37.92	6	43.966	18	84.23	196
17	29.254	11	37.86	8	43.984	26	86.19	174
27	29.243	55	37.94	22	43.958	66	87.93	149
Sept. 6	29.188	92	38.16	32	43.892	102	89.42	122
16	29.096	124	38.48	38	43.790	131	90.64	94
26	28.972	147	38.86	42	43.659	152	91.58	64
Okt. 6	28.825	160	39.28	43	43.507	165	92.22	35
16	28.665	165	39.71	40	43.342	169	92.57	4
26	28.500	159	40.11	36	43.173	164	92.61	25
Nov. 5	28.341	145	40.47	31	43.009	153	92.36	55
15	28.196	124	40.78	25	42.856	133	91.81	84
25	28.072	96	41.03	18	42.723	109	90.97	110
Dez. 5	27.976	63	41.21	11	42.614	80	89.87	134
15	27.913	29	41.32	4	42.534	47	88.53	153
25	27.884	7	41.36	4	42.487	14	87.00	168
35	27.891		41.32		42.473		85.32	
Mittl. Ort	24.534		54.99		39.919		66.34	
sec δ, tg δ	1.054		−0.332		1.039		+0.281	
a, *a′*	+3.4		+12.6		+2.8		+12.7	
b, *b′*	−0.01		+ 0.78		+0.01		+ 0.78	

Tag	775) β Pavonis AR.		775) β Pavonis Dekl.		777) α Cygni AR.		777) α Cygni Dekl.		780) ε Cygni AR.		780) ε Cygni Dekl.		783) η Cephei AR.		783) η Cephei Dekl.	
1936	$20^h\ 39^m$		$-66°\ 25'$		$20^h\ 39^m$		$+45°\ 2'$		$20^h\ 43^m$		$+33°\ 43'$		$20^h\ 43^m$		$+61°\ 35'$	
	s		″		s		″		s		″		s		″	
Jan. 1	11.98	3	73.67	272	13.943	52	72.28	270	36.646	24	54.58	238	57.32	16	34.98	285
11	11.95	7	70.95	289	13.891	3	69.58	288	36.622	17	52.20	250	57.16	7	32.13	309
21	12.02	16	68.06	298	13.888	48	66.70	292	36.639	58	49.70	253	57.09	0	29.04	320
31	12.18	25	65.08	302	13.936	99	63.78	286	36.697	99	47.17	245	57.09	8	25.84	320
Febr. 10	12.43	32	62.06	297	14.035	150	60.92	269	36.796	140	44.72	227	57.17	17	22.64	305
20	12.75	40	59.09	287	14.185	197	58.23	239	36.936	179	42.45	199	57.34	24	19.59	279
März 1	13.15	47	56.22	271	14.382	243	55.84	199	37.115	216	40.46	161	57.58	32	16.80	242
11	13.62	52	53.51	249	14.625	282	53.85	153	37.331	249	38.85	118	57.90	37	14.38	193
21	14.14	58	51.02	223	14.907	318	52.32	98	37.580	280	37.67	68	58.27	44	12.45	139
31	14.72	61	48.79	193	15.225	345	51.34	41	37.860	304	36.99	15	58.71	47	11.06	78
Apr. 10	15.33	65	46.86	160	15.570	366	50.93	18	38.164	323	36.84	39	59.18	51	10.28	15
20	15.98	67	45.26	121	15.936	377	51.11	78	38.487	335	37.23	91	59.69	51	10.13	47
30	16.65	67	44.05	83	16.313	380	51.89	132	38.822	339	38.14	141	60.20	52	10.60	110
Mai 10	17.32	67	43.22	40	16.693	372	53.21	185	39.161	336	39.55	185	60.72	51	11.70	168
20	17.99	65	42.82	1	17.065	355	55.06	229	39.497	325	41.40	226	61.23	47	13.38	219
30	18.64	61	42.83	44	17.420	330	57.35	268	39.822	304	43.66	257	61.70	44	15.57	265
Juni 9	19.25	56	43.27	84	17.750	295	60.03	299	40.126	277	46.23	283	62.14	38	18.22	304
19	19.81	50	44.11	123	18.045	252	63.02	322	40.403	242	49.06	301	62.52	32	21.26	332
29	20.31	42	45.34	158	18.297	205	66.24	336	40.645	202	52.07	310	62.84	25	24.58	355
Juli 9	20.73	34	46.92	186	18.502	152	69.60	342	40.847	156	55.17	313	63.09	17	28.13	366
19	21.07	23	48.78	211	18.654	95	73.02	341	41.003	108	58.30	308	63.26	10	31.79	371
29	[1] 21.30	14	50.89	226	[1] 18.749	38	76.43	332	[2] 41.111	57	61.38	297	[2] 63.36	1	35.50	367
Aug. 7	21.44	3	53.15	235	18.787	20	79.75	315	41.168	6	64.35	280	63.37	7	39.17	356
17	21.47	8	55.50	234	18.767	74	82.90	294	41.174	41	67.15	258	63.30	15	42.73	336
27	21.39	18	57.84	225	18.693	125	85.84	265	41.133	87	69.73	230	63.15	21	46.09	310
Sept. 6	21.21	27	60.09	206	18.568	170	88.49	232	41.046	126	72.03	198	62.94	28	49.19	278
16	20.94	34	62.15	178	18.398	206	90.81	194	40.920	160	74.01	164	62.66	33	51.97	240
26	20.60	40	63.93	143	18.192	235	92.75	151	40.760	184	75.65	125	62.33	38	54.37	197
Okt. 6	20.20	45	65.36	101	17.957	253	94.26	107	40.576	200	76.90	85	61.95	40	56.34	148
16	19.75	47	66.37	54	17.704	263	95.33	59	40.376	208	77.75	43	61.55	43	57.82	97
26	19.28	46	66.91	4	17.441	261	95.92	9	40.168	206	78.18	1	61.12	43	58.79	42
Nov. 5	18.82	44	66.95	47	17.180	251	96.01	42	39.962	196	78.17	45	60.69	42	59.21	14
15	18.38	40	66.48	98	16.929	231	95.59	92	39.766	178	77.72	88	60.27	39	59.07	72
25	17.98	33	65.50	146	16.698	204	94.67	141	39.588	153	76.84	129	59.88	37	58.35	127
Dez. 5	17.65	26	64.04	188	16.494	169	93.26	185	39.435	124	75.55	167	59.51	32	57.08	179
15	17.39	18	62.16	225	16.325	128	91.41	224	39.311	89	73.88	200	59.19	26	55.29	227
25	17.21	9	59.91	255	16.197	84	89.17	256	39.222	51	71.88	227	58.93	20	53.02	266
35	17.12		57.36		16.113		86.61		39.171		69.61		58.73		50.36	
Mittl. Ort	12.90		66.70		14.970		62.78		37.266		46.54		59.46		22.92	
sec δ, tg δ	2.501		−2.293		1.415		+1.002		1.202		+0.668		2.102		+1.849	
a, *a′*	+5.4		+12.8		+2.0		+12.8		+2.4		+13.1		+1.2		+13.1	
b, *b′*	−0.10		+ 0.77		+0.04		+ 0.77		+0.03		+ 0.76		+0.08		+ 0.75	

Tag	781) ε Aquarii AR.	Δ	781) ε Aquarii Dekl.	Δ	784) λ Cygni AR.	Δ	784) λ Cygni Dekl.	Δ	785) β Indi AR.	Δ	785) β Indi Dekl.	Δ	786) 32 Vulpeculae AR.	Δ	786) 32 Vulpeculae Dekl.	Δ
1936	$20^h\ 44^m$		$-9°\ 43'$		$20^h\ 44^m$		$+36°\ 15'$		$20^h\ 49^m$		$-58°\ 41'$		$20^h\ 51^m$		$+27°\ 48'$	
	s		"		s		"		s		"		s		"	
Jan. 1	12.718	23	52.22	39	54.195	32	25.60	246	48.764	17	56.78	233	49.455	21	55.31	215
11	12.741	57	52.61	34	54.163	9	23.14	259	48.747	51	54.45	252	49.434	17	53.16	225
21	12.798	89	52.95	24	54.172	53	20.55	263	48.798	119	51.93	265	49.451	54	50.91	228
31	12.887	121	53.19	13	54.225	96	17.92	256	48.917	184	49.28	272	49.505	92	48.63	220
Febr. 10	13.008	151	53.32	3	54.321	138	15.36	237	49.101	244	46.56	273	49.597	130	46.43	202
20	13.159	179	53.29	20	54.459	179	12.99	210	49.345	301	43.83	268	49.727	166	44.41	176
März 1	13.338	206	53.09	40	54.638	218	10.89	173	49.646	353	41.15	259	49.893	200	42.65	141
11	13.544	231	52.69	61	54.856	253	9.16	128	49.999	400	38.56	243	50.093	233	41.24	100
21	13.775	255	52.08	83	55.109	284	7.88	77	50.399	440	36.13	225	50.326	262	40.24	54
31	14.030	275	51.25	103	55.393	310	7.11	24	50.839	476	33.88	201	50.588	286	39.70	5
Apr. 10	14.305	291	50.22	122	55.703	329	6.87	32	51.315	503	31.87	174	50.874	306	39.65	46
20	14.596	304	49.00	138	56.032	341	7.19	85	51.818	523	30.13	142	51.180	319	40.11	94
30	14.900	311	47.62	150	56.373	347	8.04	137	52.341	534	28.71	109	51.499	326	41.05	139
Mai 10	15.211	311	46.12	157	56.720	342	9.41	183	52.875	533	27.62	72	51.825	325	42.44	182
20	15.522	306	44.55	161	57.062	330	11.24	225	53.408	522	26.90	34	52.150	316	44.26	216
30	15.828	292	42.94	160	57.392	309	13.49	258	53.930	498	26.56	6	52.466	299	46.42	246
Juni 9	16.120	272	41.34	153	57.701	282	16.07	286	54.428	464	26.62	44	52.765	276	48.88	269
19	16.392	246	39.81	144	57.983	245	18.93	305	54.892	417	27.06	81	53.041	244	51.57	283
29	16.638	211	38.37	130	58.228	204	21.98	316	55.309	359	27.87	116	53.285	206	54.40	291
Juli 9	16.849	174	37.07	114	58.432	157	25.14	319	55.668	292	29.03	147	53.491	165	57.31	293
19	17.023	131	35.93	96	58.589	107	28.33	316	55.960	217	30.50	173	53.656	118	60.24	286
29	17.154	85	34.97	77	58.696	56	31.49	306	56.177	136	32.23	192	53.774	71	63.10	275
Aug. 7	17.239	41	34.20	58	58.752	4	34.55	289	56.313	54	34.15	204	53.845	22	65.85	257
17	17.280	5	33.62	40	58.756	46	37.44	267	56.367	28	36.19	210	53.867	24	68.42	236
27	17.275	47	33.22	22	58.710	92	40.11	239	56.339	107	38.29	206	53.843	68	70.78	209
Sept. 6	17.228	83	33.00	7	58.618	132	42.50	208	56.232	180	40.35	193	53.775	107	72.87	180
16	17.145	114	32.93	6	58.486	166	44.58	172	56.052	241	42.28	173	53.668	138	74.67	147
26	17.031	138	32.99	17	58.320	193	46.30	133	55.811	290	44.01	145	53.530	164	76.14	112
Okt. 6	16.893	150	33.16	26	58.127	209	47.63	91	55.521	323	45.46	110	53.366	179	77.26	76
16	16.743	157	33.42	33	57.918	217	48.54	48	55.198	341	46.56	69	53.187	188	78.02	36
26	16.586	152	33.75	38	57.701	216	49.02	3	54.857	341	47.25	26	52.999	187	78.38	3
Nov. 5	16.434	140	34.13	41	57.485	207	49.05	43	54.516	325	47.51	21	52.812	178	78.35	42
15	16.294	121	34.54	44	57.278	188	48.62	87	54.191	293	47.30	66	52.634	161	77.93	81
25	16.173	96	34.98	46	57.090	164	47.75	131	53.898	249	46.64	109	52.473	140	77.12	118
Dez. 5	16.077	66	35.44	47	56.926	134	46.44	171	53.649	195	45.55	150	52.333	111	75.94	152
15	16.011	34	35.91	45	56.792	98	44.73	205	53.454	132	44.05	186	52.222	81	74.42	181
25	15.977	2	36.36	43	56.694	60	42.68	233	53.322	65	42.19	215	52.141	45	72.61	205
35	15.975		36.79		56.634		40.35		53.257		40.04		52.096		70.56	
Mittl. Ort	12.770		52.28		54.879		17.04		49.234		49.90		49.899		47.78	
sec δ, tg δ	1.015		−0.171		1.240		+0.733		1.925		−1.645		1.131		+0.528	
a, *a′*	+3.2		+13.2		+2.3		+13.2		+4.7		+13.5		+2.6		+13.7	
b, *b′*	−0.01		+ 0.75		+0.03		+ 0.75		−0.07		+ 0.74		+0.02		+ 0.73	

Tag	788) ν Cygni AR.	Diff.	788) ν Cygni Dekl.	Diff.	790) ζ Microscopii AR.	Diff.	790) ζ Microscopii Dekl.	Diff.	793) 61 Cygni pr.[1] AR.	Diff.	793) 61 Cygni pr.[1] Dekl.	Diff.	794) ν Aquarii AR.	Diff.	794) ν Aquarii Dekl.	Diff.
1936	$20^h\ 54^m$		$+40°\ 55'$		$20^h\ 58^m$		$-38°\ 52'$		$21^h\ 4^m$		$+38°\ 25'$		$21^h\ 6^m$		$-11°\ 37'$	
	s		"		s		"		s		"		s		"	
Jan. 1	46.387	55	21.51	251	52.835	4	63.11	126	0.896	44	71.68	231	6.631	5	54.83	27
11	46.332	11	19.00	269	52.839	47	61.85	144	0.852	2	69.37	248	6.636	36	55.10	18
21	46.321	34	16.31	275	52.886	89	60.41	159	0.850	42	66.89	256	6.672	68	55.28	9
31	46.355	81	13.56	272	52.975	129	58.82	170	0.892	86	64.33	251	6.740	99	55.37	5
Febr. 10	46.436	129	10.84	256	53.104	168	57.12	179	0.978	129	61.82	236	6.839	130	55.32	20
20	46.565	173	8.28	229	53.272	205	55.33	185	1.107	173	59.46	212	6.969	160	55.12	37
März 1	46.738	215	5.99	194	53.477	239	53.48	189	1.280	215	57.34	176	7.129	188	54.75	56
11	46.953	256	4.05	149	53.716	272	51.59	189	1.495	254	55.58	133	7.317	216	54.19	77
21	47.209	290	2.56	98	53.988	302	49.70	187	1.749	288	54.25	83	7.533	241	53.42	96
31	47.499	320	1.58	44	54.290	328	47.83	181	2.037	318	53.42	31	7.774	265	52.46	116
Apr. 10	47.819	343	1.14	13	54.618	350	46.02	172	2.355	340	53.11	25	8.039	285	51.30	133
20	48.162	358	1.27	70	54.968	368	44.30	159	2.695	358	53.36	79	8.324	301	49.97	147
30	48.520	363	1.97	124	55.336	378	42.71	142	3.053	364	54.15	133	8.625	312	48.50	157
Mai 10	48.883	361	3.21	174	55.714	381	41.29	121	3.417	364	55.48	181	8.937	315	46.93	164
20	49.244	350	4.95	218	56.095	377	40.08	98	3.781	354	57.29	225	9.252	314	45.29	166
30	49.594	328	7.13	256	56.472	364	39.10	70	4.135	335	59.54	261	9.566	303	43.63	162
Juni 9	49.922	299	9.69	287	56.836	342	38.40	45	4.470	309	62.15	291	9.869	286	42.01	154
19	50.221	263	12.56	310	57.178	312	37.95	14	4.779	274	65.06	314	10.155	262	40.47	144
29	50.484	219	15.66	325	57.490	273	37.81	15	5.053	232	68.20	327	10.417	231	39.03	128
Juli 9	50.703	170	18.91	331	57.763	228	37.96	42	5.285	186	71.47	334	10.648	193	37.75	110
19	50.873	118	22.22	331	57.991	176	38.38	68	5.471	136	74.81	333	10.841	153	36.65	91
29	5 50.991	64	25.53	323	6 58.167	121	39.06	90	7 5.607	83	78.14	325	10.994	107	35.74	71
Aug. 7*)	51.055	9	28.76	309	58.288	64	39.96	108	5.690	30	81.39	311	8 11.101	62	35.03	50
17	51.064	43	31.85	288	58.352	8	41.04	122	5.720	21	84.50	290	11.163	16	34.53	31
27	51.021	93	34.73	261	58.360	48	42.26	128	5.699	68	87.40	264	11.179	27	34.22	12
Sept. 6	50.928	135	37.34	231	58.312	97	43.54	128	5.631	112	90.04	234	11.152	66	34.10	3
16	50.793	173	39.65	195	58.215	138	44.82	123	5.519	148	92.38	199	11.086	99	34.13	17
26	50.620	202	41.60	155	58.077	172	46.05	112	5.371	177	94.37	160	10.987	125	34.30	27
Okt. 6	50.418	221	43.15	112	57.905	194	47.17	94	5.194	197	95.97	119	10.862	142	34.57	34
16	50.197	233	44.27	67	57.711	205	48.11	73	4.997	208	97.16	76	10.720	151	34.91	40
26	49.964	234	44.94	20	57.506	205	48.84	47	4.789	210	97.92	29	10.569	150	35.31	44
Nov. 5	49.730	227	45.14	28	57.301	194	49.31	19	4.579	204	98.21	17	10.419	143	35.75	44
15	49.503	210	44.86	77	57.107	174	49.50	9	4.375	190	98.04	63	10.276	127	36.19	44
25	49.293	188	44.09	123	56.933	144	49.41	38	4.185	167	97.41	108	10.149	105	36.63	43
Dez. 5	49.105	158	42.86	167	56.789	109	49.03	65	4.018	141	96.33	150	10.044	80	37.06	41
15	48.947	123	41.19	205	56.680	69	48.38	89	3.877	107	94.83	186	9.964	49	37.47	36
25	48.824	84	39.14	236	56.611	27	47.49	113	3.770	70	92.97	218	9.915	19	37.83	32
35	48.740		36.78		56.584		46.36		3.700		90.79		9.896		38.15	
Mittl. Ort	47.171		11.45		52.887		58.22		1.563		61.62		6.606		54.80	
sec δ, tg δ	1.323		+0.867		1.285		−0.806		1.277		+0.794		1.021		−0.206	
a, *a′*	+2.2		+13.8		+3.8		+14.1		+2.3		+14.4		+3.3		+14.5	
b, *b′*	+0.04		+ 0.72		−0.04		+ 0.71		+0.04		+ 0.69		−0.01		+ 0.69	

[1]) Die jährliche Parallaxe (0."300) ist bereits berücksichtigt.
*) Bei Stern 794) lies Aug. 8

Tag	795) Br 2777 AR.		Dekl.		797) ζ Cygni AR.		Dekl.		800) α Equulei AR.		Dekl.		803) α Cephei AR.		Dekl.	
1936	$21^h\ 6^m$		+77° 51′		$21^h\ 10^m$		+29° 57′		$21^h\ 12^m$		+4° 58′		$21^h\ 17^m$		+62° 18′	
	s		"		s		"		s		"		s		"	
Jan. 1	42.98	58	78.03	260	12.268	41	57.59	212	37.461	9	59.63	111	1.28	21	65.20	259
11	42.40	42	75.43	294	12.227	5	55.47	225	37.452	21	58.52	111	1.07	14	62.61	291
21	41.98	23	72.49	316	12.222	32	53.22	231	37.473	53	57.41	106	0.93	6	59.70	310
31	41.75	3	69.33	327	12.254	71	50.91	226	37.526	83	56.35	96	0.87	1	56.60	318
Febr. 10	41.72	16	66.06	323	12.325	110	48.65	212	37.609	114	55.39	80	0.88	11	53.42	312
20	41.88	35	62.83	306	12.435	147	46.53	188	37.723	145	54.59	58	0.99	18	50.30	295
März 1	42.23	55	59.77	278	12.582	185	44.65	155	37.868	175	54.01	33	1.17	26	47.35	264
11	42.78	70	56.99	238	12.767	220	43.10	116	38.043	203	53.68	3	1.43	34	44.71	223
21	43.48	84	54.61	190	12.987	253	41.94	71	38.246	231	53.65	30	1.77	40	42.48	173
31	44.32	94	52.71	133	13.240	281	41.23	21	38.477	255	53.95	62	2.17	46	40.75	118
Apr. 10	45.26	103	51.38	73	13.521	304	41.02	28	38.732	276	54.57	94	2.63	49	39.57	57
20	46.29	106	50.65	10	13.825	321	41.30	79	39.008	293	55.51	124	3.12	53	39.00	6
30	47.35	108	50.55	53	14.146	331	42.09	126	39.301	303	56.75	152	3.65	53	39.06	67
Mai 10	48.43	104	51.08	113	14.477	333	43.35	170	39.604	308	58.27	173	4.18	54	39.73	127
20	49.47	100	52.21	170	14.810	327	45.05	208	39.912	306	60.00	192	4.72	51	41.00	182
30	50.47	90	53.91	221	15.137	313	47.13	240	40.218	296	61.92	203	5.23	49	42.82	232
Juni 9	51.37	79	56.12	266	15.450	291	49.53	265	40.514	279	63.95	210	5.72	44	45.14	275
19	52.16	67	58.78	303	15.741	262	52.18	284	40.793	255	66.05	211	6.16	38	47.89	310
29	52.83	51	61.81	334	16.003	225	55.02	295	41.048	225	68.16	205	6.54	31	50.99	338
Juli 9	53.34	35	65.15	355	16.228	184	57.97	299	41.273	188	70.21	198	6.85	25	54.37	357
19	53.69	18	68.70	368	16.412	138	60.96	295	41.461	148	72.19	183	7.10	16	57.94	369
29	53.87	2	72.38	374	16.550	90	63.91	287	41.609	104	74.02	167	7.26	8	61.63	371
Aug. 8	$_{8}$53.89	16	76.12	371	^{9}16.640	41	66.78	272	^{9}41.713	60	75.69	147	$_{11}$7.34	0	65.34	365
17	53.73	32	79.83	360	16.681	7	69.50	251	41.773	16	77.16	127	7.34	7	68.99	353
27	53.41	47	83.43	342	16.674	51	72.01	227	41.789	26	78.43	104	7.27	16	72.52	333
Sept. 6	52.94	62	86.85	318	16.623	92	74.28	198	41.763	63	79.47	81	7.11	22	75.85	306
16	52.32	75	90.03	286	16.531	127	76.26	166	41.700	95	80.28	59	6.89	28	78.91	273
26	51.57	85	92.89	248	16.404	154	77.92	131	41.605	121	80.87	37	6.61	34	81.64	234
Okt. 6	50.72	95	95.37	204	16.250	174	79.23	95	41.484	138	81.24	15	6.27	38	83.98	189
16	49.77	100	97.41	154	16.076	185	80.18	55	41.346	147	81.39	5	5.89	40	85.87	139
26	48.77	104	98.95	102	15.891	188	80.73	15	41.199	148	81.34	25	5.49	42	87.26	88
Nov. 5	47.73	106	99.97	43	15.703	182	80.88	26	41.051	142	81.09	44	5.07	42	88.14	30
15	46.67	104	100.40	14	15.521	170	80.62	66	40.909	129	80.65	61	4.65	41	88.44	26
25	45.63	99	100.26	75	15.351	151	79.96	105	40.780	110	80.04	77	4.24	39	88.18	84
Dez. 5	44.64	92	99.51	133	15.200	126	78.91	142	40.670	86	79.27	91	3.85	36	87.34	140
15	43.72	80	98.18	187	15.074	97	77.49	173	40.584	60	78.36	101	3.49	30	85.94	192
25	42.92	68	96.31	235	14.977	66	75.76	200	40.524	31	77.35	110	3.19	26	84.02	236
35	42.24		93.96		14.911		73.76		40.493		76.25		2.93		81.66	
Mittl. Ort	48.88		62.30		12.673		48.53		37.507		55.91		3.19		50.10	
sec δ, tg δ	4.758		+4.652		1.154		+0.577		1.004		+0.087		2.152		+1.906	
a, *a′*	−1.2		+14.6		+2.6		+14.8		+3.0		+14.9		+1.4		+15.2	
b, *b′*	+0.23		+ 0.69		+0.03		+ 0.67		0.00		+ 0.67		+0.10		+ 0.65	

Scheinbare Sternörter 1936

Tag	804) ι Pegasi				805) γ Pavonis				806) ζ Capricorni				809) β Cephei			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$21^h 19^m$		+19° 31′		$21^h 21^m$		−65° 38′		$21^h 23^m$		−22° 41′		$21^h 27^m$		+70° 16′	
	s		″		s		″		s		″		s		″	
Jan. 1	7.379	30	54.19	171	9.89	12	95.26	254	1.103	12	25.07	33	47.61	35	63.15	247
11	7.349	2	52.48	179	9.77	5	92.72	279	1.091	22	24.74	48	47.26	27	60.68	283
21	7.351	35	50.69	181	9.72	6	89.93	301	1.113	54	24.26	63	46.99	15	57.85	309
31	7.386	68	48.88	174	9.78	13	86.92	311	1.167	87	23.63	77	46.84	5	54.76	321
Febr. 10	7.454	103	47.14	160	9.91	21	83.81	318	1.254	119	22.86	92	46.79	8	51.55	322
20	7.557	136	45.54	138	10.12	29	80.63	316	1.373	152	21.94	107	46.87	20	48.33	309
März 1	7.693	171	44.16	107	10.41	36	77.47	307	1.525	182	20.87	122	47.07	30	45.24	283
11	7.864	202	43.09	73	10.77	42	74.40	293	1.707	213	19.65	135	47.37	42	42.41	245
21	8.066	233	42.36	32	11.19	48	71.47	273	1.920	241	18.30	147	47.79	51	39.96	200
31	8.299	260	42.04	10	11.67	54	68.74	247	2.161	268	16.83	157	48.30	58	37.96	145
Apr. 10	8.559	283	42.14	53	12.21	58	66.27	217	2.429	291	15.26	165	48.88	65	36.51	86
20	8.842	301	42.67	95	12.79	61	64.10	183	2.720	311	13.61	168	49.53	68	35.65	24
30	9.143	313	43.62	136	13.40	64	62.27	144	3.031	324	11.93	167	50.21	71	35.41	39
Mai 10	9.456	317	44.98	171	14.04	64	60.83	102	3.355	332	10.26	163	50.92	70	35.80	100
20	9.773	316	46.69	202	14.68	64	59.81	59	3.687	333	8.63	154	51.62	68	36.80	158
30	10.089	304	48.71	226	15.32	62	59.22	14	4.020	325	7.09	140	52.30	64	38.38	211
Juni 9	10.393	286	50.97	245	15.94	59	59.08	30	4.345	310	5.69	124	52.94	58	40.49	257
19	10.679	261	53.42	257	16.53	54	59.38	75	4.655	287	4.45	104	53.52	50	43.06	296
29	10.940	228	55.99	262	17.07	48	60.13	115	4.942	257	3.41	81	54.02	42	46.02	329
Juli 9	11.168	191	58.61	261	17.55	40	61.28	153	5.199	220	2.60	57	54.44	32	49.31	352
19	11.359	150	61.22	254	17.95	32	62.81	185	5.419	177	2.03	33	54.76	21	52.83	369
29	11.509	104	63.76	243	18.27	22	64.66	211	5.596	131	1.70	10	54.97	12	56.52	376
Aug. 8	$_{11}$11.613	59	66.19	226	$_{12}$18.49	11	66.77	229	$_{12}$5.727	83	1.60	13	$_{13}$55.09	0	60.28	375
17	11.672	13	68.45	206	18.60	2	69.06	239	5.810	35	1.73	33	55.09	11	64.03	367
27	11.685	29	70.51	181	18.62	9	71.45	239	5.845	13	2.06	49	54.98	21	67.70	351
Sept. 6	11.656	69	72.32	156	18.53	18	73.84	230	5.832	55	2.55	60	54.77	30	71.21	327
16	11.587	102	73.88	127	18.35	26	76.14	211	5.777	93	3.15	69	54.47	39	74.48	298
26	11.485	128	75.15	97	18.09	34	78.25	183	5.684	123	3.84	73	54.08	46	77.46	261
Okt. 6	11.357	148	76.12	66	17.75	40	80.08	147	5.561	144	4.57	72	53.62	52	80.07	218
16	11.209	158	76.78	34	17.35	42	81.55	104	5.417	157	5.29	66	53.10	56	82.25	171
26	11.051	162	77.12	2	16.93	45	82.59	57	5.260	160	5.95	59	52.54	60	83.96	118
Nov. 5	10.889	157	77.14	30	16.48	44	83.16	4	5.100	154	6.54	47	51.94	61	85.14	61
15	10.732	146	76.84	62	16.04	42	83.20	47	4.946	141	7.01	35	51.33	60	85.75	2
25	10.586	129	76.22	91	15.62	37	82.73	99	4.805	121	7.36	21	50.73	59	85.77	57
Dez. 5	10.457	106	75.31	120	15.25	32	81.74	148	4.684	96	7.57	7	50.14	54	85.20	116
15	10.351	81	74.11	143	14.93	26	80.26	192	4.588	67	7.64	8	49.60	48	84.04	172
25	10.270	52	72.68	162	14.67	17	78.34	231	4.521	36	7.56	23	49.12	42	82.32	221
35	10.218		71.06		14.50		76.03		4.485		7.33		48.70		80.11	
Mittl. Ort	7.559		46.90		10.50		86.67		1.003		22.82		50.54		46.19	
sec δ, tg δ	1.061		+0.355		2.426		−2.210		1.084		−0.418		2.964		+2.790	
a, *a′*	+2.8		+15.3		+5.0		+15.4		+3.4		+15.5		+0.8		+15.8	
b, *b′*	+0.02		+ 0.65		−0.11		+ 0.64		−0.02		+ 0.63		+0.15		+ 0.62	

Tag		808) β Aquarii				811) 74 Cygni				810) ν Octantis				815) ε Pegasi			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936		21h 28m		−5° 50′		21h 34m		+40° 7′		21h 34m		−77° 40′		21h 41m		+9° 34′	
		s		"		s		"		s		"		s		"	
Jan.	1	11.544	16	71.69	55	22.390	90	43.53	220	24.04	39	43.98	287	2.577	35	56.13	122
	11	11.528	13	72.24	48	22.300	52	41.33	244	23.65	22	41.11	319	2.542	8	54.91	126
	21	11.541	43	72.72	40	22.248	11	38.89	258	23.43	6	37.92	340	2.534	22	53.65	124
	31	11.584	74	73.12	27	22.237	34	36.31	260	23.37	11	34.52	353	2.556	53	52.41	117
Febr.	10	11.658	103	73.39	11	22.271	78	33.71	252	23.48	28	30.99	358	2.609	84	51.24	102
	20	11.761	133	73.50	7	22.349	125	31.19	234	23.76	43	27.41	354	2.693	115	50.22	82
März	1	11.894	165	73.43	30	22.474	170	28.85	204	24.19	58	23.87	342	2.808	148	49.40	56
	11	12.059	193	73.13	53	22.644	214	26.81	166	24.77	71	20.45	323	2.956	180	48.84	26
	21	12.252	222	72.60	78	22.858	256	25.15	122	25.48	82	17.22	299	3.136	211	48.58	7
	31	12.474	247	71.82	101	23.114	291	23.93	70	26.30	94	14.23	267	3.347	239	48.65	42
Apr.	10	12.721	271	70.81	125	23.405	322	23.23	17	27.24	102	11.56	230	3.586	264	49.07	77
	20	12.992	290	69.56	145	23.727	346	23.06	37	28.26	108	9.26	189	3.850	286	49.84	112
	30	13.282	303	68.11	161	24.073	361	23.43	92	29.34	113	7.37	145	4.136	301	50.96	143
Mai	10	13.585	311	66.50	174	24.434	367	24.35	142	30.47	115	5.92	96	4.437	310	52.39	170
	20	13.896	312	64.76	181	24.801	363	25.77	188	31.62	115	4.96	47	4.747	312	54.09	192
	30	14.208	306	62.95	183	25.164	351	27.65	229	32.77	112	4.49	4	5.059	306	56.01	210
Juni	9	14.514	291	61.12	180	25.515	330	29.94	264	33.89	106	4.53	54	5.365	293	58.11	221
	19	14.805	269	59.32	175	25.845	299	32.58	291	34.95	98	5.07	102	5.658	272	60.32	227
	29	15.074	242	57.57	162	26.144	261	35.49	310	35.93	86	6.09	148	5.930	245	62.59	226
Juli	9	15.316	206	55.95	147	26.405	217	38.59	323	36.79	73	7.57	188	6.175	210	64.85	221
	19	15.522	168	54.48	129	26.622	168	41.82	327	37.52	58	9.45	223	6.385	172	67.06	211
	29	15.690	125	53.19	109	26.790	116	45.09	325	38.10	40	11.68	250	6.557	129	69.17	196
Aug.	8	15.815	80	52.10	88	26.906	64	48.34	316	38.50	21	14.18	269	6.686	86	71.13	178
	17	13 15.895	35	51.22	67	15 26.970	10	51.50	300	15 38.71	3	16.87	278	17 6.772	41	72.91	157
	27	15.930	8	50.55	46	26.980	40	54.50	278	38.74	17	19.65	277	6.813	1	74.48	135
Sept.	6	15.922	47	50.09	26	26.940	86	57.28	252	38.57	35	22.42	266	6.812	40	75.83	111
	16	15.875	81	49.83	9	26.854	126	59.80	220	38.22	52	25.08	243	6.772	74	76.94	86
	26	15.794	108	49.74	7	26.728	161	62.00	185	37.70	67	27.51	211	6.698	102	77.80	62
Okt.	6	15.686	128	49.81	20	26.567	186	63.85	146	37.03	78	29.62	170	6.596	124	78.42	38
	16	15.558	140	50.01	31	26.381	205	65.31	103	36.25	88	31.32	120	6.472	137	78.80	13
	26	15.418	144	50.32	40	26.176	213	66.34	58	35.37	92	32.52	66	6.335	143	78.93	10
Nov.	5	15.274	139	50.72	47	25.963	214	66.92	11	34.45	94	33.18	7	6.192	141	78.83	32
	15	15.135	129	51.19	53	25.749	207	67.03	36	33.51	90	33.25	54	6.051	134	78.51	55
	25	15.006	111	51.72	57	25.542	193	66.67	82	32.61	85	32.71	112	5.917	120	77.96	73
Dez.	5	14.895	89	52.29	59	25.349	172	65.85	127	31.76	75	31.59	168	5.797	101	77.23	92
	15	14.806	64	52.88	60	25.177	146	64.58	169	31.01	63	29.91	218	5.696	80	76.31	107
	25	14.742	38	53.48	58	25.031	115	62.89	203	30.38	49	27.73	263	5.616	55	75.24	119
	35	14.704		54.06		24.916		60.86		29.89		25.10		5.561		74.05	
Mittl. Ort		11.460		73.26		22.912		30.87		25.91		34.27		2.544		50.38	
sec δ, tg δ		1.005		−0.103		1.308		+0.843		4.685		−4.577		1.014		+0.169	
a, a′		+3.2		+15.8		+2.4		+16.1		+6.7		+16.1		+2.9		+16.5	
b, b′		−0.01		+ 0.61		+0.05		+ 0.59		−0.25		+ 0.59		+0.01		+ 0.57	

Tag		819) δ Capricorni[1]) AR.		Dekl.		821) π^2 Cygni AR.		Dekl.		822) γ Gruis AR.		Dekl.		823) 16 Pegasi AR.		Dekl.	
1936		21h 43m		−16° 24′		21h 44m		+49° 0′		21h 50m		−37° 39′		21h 50m		+25° 37′	
		s		″		s		″		s		″		s		″	
Jan.	1	30.820	27	67.92	1	24.858	139	60.84	226	3.700	52	66.19	105	8.807	64	33.99	174
	11	30.793	3	67.93	11	24.719	94	58.58	256	3.648	17	65.14	129	8.743	35	32.25	189
	21	30.796	33	67.82	25	24.625	47	56.02	275	3.631	22	63.85	151	8.708	3	30.36	198
	31	30.829	64	67.57	41	24.578	6	53.27	285	3.653	59	62.34	171	8.705	32	28.38	197
Febr.	10	30.893	94	67.16	58	24.584	60	50.42	281	3.712	97	60.63	187	8.737	67	26.41	187
	20	30.987	126	66.58	75	24.644	117	47.61	266	3.809	136	58.76	201	8.804	105	24.54	169
März	1	31.113	157	65.83	92	24.761	172	44.95	240	3.945	173	56.75	210	8.909	142	22.85	142
	11	31.270	187	64.91	112	24.933	225	42.55	203	4.118	210	54.65	217	9.051	178	21.43	109
	21	31.457	218	63.79	128	25.158	276	40.52	159	4.328	246	52.48	221	9.229	215	20.34	69
	31	31.675	246	62.51	144	25.434	320	38.93	107	4.574	280	50.27	219	9.444	248	19.65	26
Apr.	10	31.921	272	61.07	158	25.754	357	37.86	52	4.854	310	48.08	214	9.692	276	19.39	20
	20	32.193	294	59.49	168	26.111	385	37.34	6	5.164	336	45.94	205	9.968	301	19.59	65
	30	32.487	310	57.81	175	26.496	404	37.40	63	5.500	356	43.89	191	10.269	318	20.24	109
Mai	10	32.797	320	56.06	176	26.900	412	38.03	119	5.856	371	41.98	171	10.587	328	21.33	151
	20	33.117	324	54.30	173	27.312	410	39.22	170	6.227	376	40.27	149	10.915	330	22.84	188
	30	33.441	320	52.57	166	27.722	395	40.92	217	6.603	373	38.78	123	11.245	323	24.72	218
Juni	9	33.761	308	50.91	154	28.117	371	43.09	258	6.976	361	37.55	92	11.568	309	26.90	244
	19	34.069	288	49.37	138	28.488	337	45.67	291	7.337	340	36.63	61	11.877	287	29.34	263
	29	34.357	262	47.99	118	28.825	295	48.58	317	7.677	310	36.02	27	12.164	257	31.97	274
Juli	9	34.619	227	46.81	98	29.120	245	51.75	336	7.987	271	35.75	5	12.421	221	34.71	280
	19	34.846	188	45.83	73	29.365	191	55.11	345	8.258	227	35.80	38	12.642	180	37.51	279
	29	35.034	145	45.10	50	29.556	131	58.56	349	8.485	176	36.18	67	12.822	135	40.30	272
Aug.	8	35.179	99	44.60	27	29.687	73	62.05	343	8.661	121	36.85	94	12.957	89	43.02	260
	17*)	17 35.278	53	44.33	4	17 29.760	13	65.48	332	8.782	66	37.79	115	13.046	43	45.62	242
	27	35.331	6	44.29	15	29.773	45	68.80	314	19 8.848	11	38.94	132	19 13.089	2	48.04	220
Sept.	6	35.337	34	44.44	33	29.728	98	71.94	288	8.859	41	40.26	140	13.087	44	50.24	196
	16	35.303	72	44.77	45	29.630	145	74.82	259	8.818	87	41.66	144	13.043	81	52.20	167
	26	35.231	102	45.22	55	29.485	185	77.41	223	8.731	128	43.10	140	12.962	111	53.87	136
Okt.	6	35.129	126	45.77	61	29.300	217	79.64	183	8.603	158	44.50	129	12.851	135	55.23	104
	16	35.003	140	46.38	63	29.083	242	81.47	138	8.445	178	45.79	112	12.716	152	56.27	69
	26	34.863	146	47.01	60	28.841	255	82.85	90	8.267	190	46.91	89	12.564	161	56.96	34
Nov.	5	34.717	144	47.61	57	28.586	261	83.75	40	8.077	191	47.80	64	12.403	162	57.30	3
	15	34.573	135	48.18	51	28.325	258	84.15	13	7.886	181	48.44	35	12.241	157	57.27	38
	25	34.438	119	48.69	42	28.067	245	84.02	64	7.705	165	48.79	4	12.084	146	56.89	74
Dez.	5	34.319	99	49.11	32	27.822	226	83.38	116	7.540	141	48.83	27	11.938	129	56.15	107
	15	34.220	75	49.43	23	27.596	198	82.22	163	7.399	111	48.56	57	11.809	109	55.08	137
	25	34.145	48	49.66	10	27.398	165	80.59	205	7.288	79	47.99	86	11.700	84	53.71	163
	35	34.097		49.76		27.233		78.54		7.209		47.13		11.616		52.08	
Mittl. Ort		30.648		67.09		25.621		45.75		3.536		60.65		8.921		23.78	
sec δ, tg δ		1.042		−0.295		1.525		+1.151		1.263		−0.772		1.109		+0.480	
a, *a*′		+3.3		+16.6		+2.2		+16.6		+3.6		+16.9		+2.7		+16.9	
b, *b*′		−0.02		+ 0.56		+0.06		+ 0.56		−0.04		+ 0.54		+0.03		+ 0.54	

[1]) Die jährliche Parallaxe (0.″114) ist bereits berücksichtigt.
*) Bei Stern 822) und 823) lies Aug. 18

Tag	827) α Aquarii AR.		827) α Aquarii Dekl.		828) ι Aquarii AR.		828) ι Aquarii Dekl.		830) 20 Cephei AR.		830) 20 Cephei Dekl.		829) α Gruis AR.		829) α Gruis Dekl.	
	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.	AR.	Diff.	Dekl.	Diff.
1936	22h 2m		−0° 37′		22h 2m		−14° 10′		22h 3m		+62° 28′		22h 4m		−47° 15′	
	s		″		s		″		s		″		s		″	
Jan. 1	30.043	43	49.99	74	59.227	43	51.46	13	2.32	27	41.33	214	12.650	92	87.25	143
11	30.000	19	50.73	71	59.184	17	51.59	1	2.05	22	39.19	254	12.558	51	85.82	174
21	29.981	9	51.44	64	59.167	12	51.60	13	1.83	14	36.65	283	12.507	8	84.08	201
31	29.990	36	52.08	53	59.179	40	51.47	29	1.69	7	33.82	302	12.499	37	82.07	223
Febr. 10	30.026	66	52.61	38	59.219	71	51.18	46	1.62	0	30.80	309	12.536	83	79.84	241
20	30.092	97	52.99	19	59.290	102	50.72	65	1.62	10	27.71	302	12.619	127	77.43	253
März 1	30.189	129	53.18	4	59.392	134	50.07	84	1.72	18	24.69	283	12.746	173	74.90	262
11	30.318	161	53.14	29	59.526	166	49.23	105	1.90	25	21.86	252	12.919	216	72.28	265
21	30.479	192	52.85	56	59.692	197	48.18	124	2.15	34	19.34	211	13.135	260	69.63	262
31	30.671	223	52.29	85	59.889	228	46.94	142	2.49	40	17.23	163	13.395	299	67.01	256
Apr. 10	30.894	250	51.44	111	60.117	256	45.52	158	2.89	46	15.60	108	13.694	337	64.45	244
20	31.144	274	50.33	136	60.373	281	43.94	171	3.35	50	14.52	48	14.031	368	62.01	226
30	31.418	294	48.97	159	60.654	300	42.23	180	3.85	54	14.04	12	14.399	395	59.75	205
Mai 10	31.712	306	47.38	176	60.954	315	40.43	185	4.39	54	14.16	72	14.794	412	57.70	178
20	32.018	313	45.62	190	61.269	321	38.58	184	4.93	55	14.88	129	15.206	422	55.92	147
30	32.331	311	43.72	198	61.590	320	36.74	180	5.48	53	16.17	184	15.628	422	54.45	113
Juni 9	32.642	302	41.74	201	61.910	312	34.94	169	6.01	49	18.01	231	16.050	410	53.32	75
19	32.944	285	39.73	197	62.222	295	33.25	156	6.50	46	20.32	274	16.460	390	52.57	37
29	33.229	260	37.76	191	62.517	271	31.69	137	6.96	39	23.06	308	16.850	359	52.20	3
Juli 9	33.489	230	35.85	178	62.788	240	30.32	117	7.35	34	26.14	336	17.209	318	52.23	42
19	33.719	193	34.07	164	63.028	203	29.15	94	7.69	26	29.50	356	17.527	268	52.65	78
29	33.912	154	32.43	145	63.231	162	28.21	69	7.95	18	33.06	367	17.795	212	53.43	113
Aug. 8	34.066	110	30.98	124	63.393	117	27.52	44	8.13	11	36.73	371	18.007	152	54.56	140
18	34.176	67	29.74	102	63.510	72	27.08	21	8.24	3	40.44	367	18.159	88	55.96	164
27	34.243	23	28.72	79	63.582	26	26.87	0	8.27	6	44.11	355	18.247	24	57.60	180
Sept. 6	34.266	16	27.93	58	63.608	15	26.87	20	8.21	12	47.66	336	18.271	38	59.40	188
16	34.250	52	27.35	35	63.593	53	27.07	36	8.09	20	51.02	310	18.233	93	61.28	188
26	34.198	82	27.00	17	63.540	85	27.43	49	7.89	25	54.12	279	18.140	142	63.16	180
Okt. 6	34.116	106	26.83	1	63.455	111	27.92	57	7.64	30	56.91	240	17.998	182	64.96	164
16	34.010	122	26.84	18	63.344	128	28.49	61	7.34	35	59.31	195	17.816	211	66.60	140
26	33.888	131	27.02	32	63.216	136	29.10	63	6.99	38	61.26	146	17.605	228	68.00	111
Nov. 5	33.757	133	27.34	43	63.080	139	29.73	62	6.61	39	62.72	93	17.377	233	69.11	75
15	33.624	128	27.77	55	62.941	134	30.35	57	6.22	40	63.65	37	17.144	229	69.86	37
25	33.496	118	28.32	63	62.807	122	30.92	51	5.82	39	64.02	22	16.915	213	70.23	3
Dez. 5	33.378	102	28.95	69	62.685	106	31.43	43	5.43	38	63.80	79	16.702	188	70.20	44
15	33.276	83	29.64	74	62.579	85	31.86	33	5.05	35	63.01	136	16.514	158	69.76	83
25	33.193	62	30.38	76	62.494	62	32.19	23	4.70	31	61.65	186	16.356	122	68.93	119
35	33.131		31.14		62.432		32.42		4.39		59.79		16.234		67.74	
Mittl. Ort	29.839		53.56		58.971		51.34		3.71		22.63		12.500		79.70	
sec δ, tg δ	1.000		−0.011		1.031		−0.253		2.164		+1.919		1.474		−1.083	
a, a′	+3.1		+17.5		+3.2		+17.5		+1.8		+17.5		+3.8		+17.5	
b, b′	0.00		+ 0.49		−0.01		+ 0.49		+0.11		+ 0.49		−0.06		+ 0.48	

Tag	834) ϑ Pegasi AR.		834) ϑ Pegasi Dekl.		835) π Pegasi AR.		835) π Pegasi Dekl.		837) 24 Cephei AR.		837) 24 Cephei Dekl.		836) ζ Cephei AR.		836) ζ Cephei Dekl.	
1936	$22^h\ 6^m$		$+5°\ 52'$		$22^h\ 7^m$		$+32°\ 51'$		$22^h\ 8^m$		$+72°\ 1'$		$22^h\ 8^m$		$+57°\ 52'$	
	s		"		s		"		s		"		s		"	
Jan. 1	58.473	50	61.62	99	8.432	93	61.54	182	32.31	48	52.85	201	36.857	227	85.22	209
11	58.423	25	60.63	102	8.339	64	59.72	203	31.83	39	50.84	247	36.630	178	83.13	247
21	58.398	1	59.61	98	8.275	31	57.69	218	31.44	29	48.37	282	36.452	122	80.66	275
31	58.399	30	58.63	90	8.244	6	55.51	223	31.15	17	45.55	306	36.330	58	77.91	294
Febr. 10	58.429	59	57.73	76	8.250	44	53.28	218	30.98	5	42.49	317	36.272	10	74.97	299
20	58.488	91	56.97	58	8.294	85	51.10	203	30.93	9	39.32	316	36.282	82	71.98	292
März 1	58.579	124	56.39	34	8.379	127	49.07	180	31.02	22	36.16	301	36.364	155	69.06	273
11	58.703	156	56.05	7	8.506	169	47.27	147	31.24	34	33.15	275	36.519	224	66.33	243
21	58.859	189	55.98	23	8.675	209	45.80	109	31.58	45	30.40	236	36.743	292	63.90	203
31	59.048	221	56.21	55	8.884	248	44.71	64	32.03	56	28.04	190	37.035	352	61.87	155
Apr. 10	59.269	249	56.76	87	9.132	281	44.07	16	32.59	65	26.14	137	37.387	403	60.32	101
20	59.518	274	57.63	118	9.413	309	43.91	33	33.24	71	24.77	77	37.790	443	59.31	43
30	59.792	293	58.81	145	9.722	331	44.24	82	33.95	75	24.00	17	38.233	472	58.88	17
Mai 10	60.085	307	60.26	170	10.053	344	45.06	128	34.70	77	23.83	44	38.705	488	59.05	75
20	60.392	313	61.96	190	10.397	348	46.34	170	35.47	77	24.27	104	39.193	489	59.80	131
30	60.705	312	63.86	204	10.745	344	48.04	208	36.24	74	25.31	161	39.682	477	61.11	184
Juni 9	61.017	303	65.90	213	11.089	331	50.12	241	36.98	70	26.92	212	40.159	453	62.95	231
19	61.320	287	68.03	216	11.420	308	52.53	265	37.68	63	29.04	258	40.612	416	65.26	271
29	61.607	262	70.19	214	11.728	280	55.18	285	38.31	56	31.62	297	41.028	370	67.97	305
Juli 9	61.869	231	72.33	207	12.008	243	58.03	296	38.87	46	34.59	329	41.398	314	71.02	332
19	62.100	196	74.40	196	12.251	201	60.99	301	39.33	35	37.88	353	41.712	251	74.34	350
29	62.296	155	76.36	180	12.452	155	64.00	299	39.68	25	41.41	370	41.963	185	77.84	360
Aug. 8	62.451	113	78.16	161	12.607	107	66.99	291	39.93	13	45.11	377	42.148	114	81.44	364
18	23 62.564	69	79.77	140	23 12.714	59	69.90	277	24 40.06	2	48.88	379	24 42.262	44	85.08	359
27	62.633	27	81.17	118	12.773	11	72.67	259	40.08	9	52.67	371	42.306	25	88.67	346
Sept. 6	62.660	13	82.35	95	12.784	33	75.26	235	39.99	21	56.38	356	42.281	91	92.13	328
16	62.647	50	83.30	71	12.751	73	77.61	207	39.78	30	59.94	333	42.190	150	95.41	302
26	62.597	79	84.01	49	12.678	107	79.68	177	39.48	39	63.27	304	42.040	203	98.43	270
Okt. 6	62.518	103	84.50	27	12.571	135	81.45	141	39.09	48	66.31	268	41.837	247	101.13	232
16	62.415	120	84.77	6	12.436	155	82.86	106	38.61	53	68.99	225	41.590	284	103.45	188
26	62.295	130	84.83	15	12.281	169	83.92	65	38.08	59	71.24	176	41.306	309	105.33	141
Nov. 5	62.165	132	84.68	32	12.112	174	84.57	26	37.49	63	73.00	122	40.997	326	106.74	89
15	62.033	129	84.36	49	11.938	173	84.83	16	36.86	64	74.22	65	40.671	332	107.63	34
25	61.904	120	83.87	65	11.765	166	84.67	57	36.22	65	74.87	5	40.339	328	107.97	23
Dez. 5	61.784	105	83.22	79	11.599	154	84.10	97	35.57	62	74.92	57	40.011	313	107.74	78
15	61.679	89	82.43	90	11.445	134	83.13	133	34.95	59	74.35	115	39.698	289	106.96	133
25	61.590	67	81.53	98	11.311	112	81.80	166	34.36	52	73.20	172	39.409	255	105.63	182
35	61.523		80.55		11.199		80.14		33.84		71.48		39.154		103.81	
Mittl. Ort	58.288		56.11		8.567		48.67		34.86		32.51		37.840		66.88	
sec δ, tg δ	1.005		+0.103		1.191		+0.646		3.241		+3.082		1.881		+1.593	
a, a'	+3.0		+17.7		+2.7		+17.7		+1.1		+17.7		+2.1		+17.7	
b, b'	+0.01		+ 0.47		+0.04		+ 0.47		+0.18		+ 0.47		+0.09		+ 0.47	

Tag	840) ϑ Aquarii				841) α Tucanae				842) γ Aquarii				844) 3 Lacertae			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	22h 13m		−8° 5′		22h 14m		−60° 34′		22h 18m		−1° 42′		22h 21m		+51° 54′	
	s		"		s		"		s		"		s		"	
Jan. 1	27.766	50	68.01	41	8.00	18	56.27	195	21.353	54	34.55	68	1.819	188	46.05	195
11	27.716	25	68.42	33	7.82	13	54.32	231	21.299	30	35.23	63	1.631	149	44.10	231
21	27.691	1	68.75	21	7.69	6	52.01	263	21.269	6	35.86	56	1.482	105	41.79	259
31	27.692	28	68.96	7	7.63	1	49.38	287	21.263	22	36.42	44	1.377	53	39.20	276
Febr. 10	27.720	58	69.03	10	7.64	6	46.51	304	21.285	51	36.86	29	1.324	3	36.44	283
20	27.778	88	68.93	28	7.70	13	43.47	315	21.336	81	37.15	11	1.327	63	33.61	276
März 1	27.866	121	68.65	51	7.83	20	40.32	319	21.417	113	37.26	12	1.390	124	30.85	259
11	27.987	152	68.14	72	8.03	26	37.13	317	21.530	146	37.14	37	1.514	186	28.26	230
21	28.139	185	67.42	96	8.29	32	33.96	308	21.676	179	36.77	63	1.700	244	25.96	192
31	28.324	216	66.46	118	8.61	37	30.88	292	21.855	211	36.14	89	1.944	298	24.04	146
Apr. 10	28.540	246	65.28	140	8.98	42	27.96	272	22.066	241	35.25	116	2.242	346	22.58	94
20	28.786	271	63.88	158	9.40	47	25.24	245	22.307	267	34.09	140	2.588	385	21.64	40
30	29.057	292	62.30	173	9.87	50	22.79	214	22.574	288	32.69	161	2.973	415	21.24	18
Mai 10	29.349	308	60.57	184	10.37	53	20.65	177	22.862	304	31.08	179	3.388	432	21.42	74
20	29.657	315	58.73	190	10.90	54	18.88	136	23.166	313	29.29	191	3.820	438	22.16	129
30	29.972	316	56.83	192	11.44	55	17.52	93	23.479	314	27.38	198	4.258	433	23.45	178
Juni 9	30.288	309	54.91	187	11.99	53	16.59	47	23.793	307	25.40	201	4.691	415	25.23	224
19	30.597	295	53.04	178	12.52	51	16.12	0	24.100	292	23.39	197	5.106	388	27.47	263
29	30.892	271	51.26	166	13.03	46	16.12	45	24.392	271	21.42	189	5.494	349	30.10	295
Juli 9	31.163	242	49.60	147	13.49	42	16.57	90	24.663	241	19.53	177	5.843	303	33.05	320
19	31.405	207	48.13	129	13.91	36	17.47	131	24.904	207	17.76	161	6.146	251	36.25	337
29	31.612	167	46.84	105	14.27	28	18.78	168	25.111	168	16.15	141	6.397	193	39.62	347
Aug. 8	31.779	124	45.79	83	14.55	20	20.46	198	25.279	126	14.74	121	6.590	132	43.09	350
18	31.903	80	44.96	59	14.75	11	22.44	220	25.405	83	13.53	97	6.722	71	46.59	345
27	[25] 31.983	36	44.37	36	[25] 14.86	4	24.64	236	[26] 25.488	39	12.56	74	[27] 6.793	10	50.04	333
Sept. 6	32.019	5	44.01	14	14.90	6	27.00	240	25.527	0	11.82	52	6.803	48	53.37	315
16	32.014	43	43.87	4	14.84	13	29.40	236	25.527	38	11.30	31	6.755	100	56.52	289
26	31.971	73	43.91	21	14.71	21	31.76	222	25.489	69	10.99	11	6.655	148	59.41	259
Okt. 6	31.898	100	44.12	34	14.50	26	33.98	197	25.420	94	10.88	6	6.507	188	62.00	224
16	31.798	117	44.46	44	14.24	31	35.95	165	25.326	113	10.94	22	6.319	220	64.24	181
26	31.681	129	44.90	52	13.93	34	37.60	126	25.213	124	11.16	35	6.099	244	66.05	137
Nov. 5	31.552	131	45.42	56	13.59	35	38.86	80	25.089	127	11.51	46	5.855	260	67.42	87
15	31.421	129	45.98	59	13.24	35	39.66	30	24.962	127	11.97	55	5.595	266	68.29	35
25	31.292	119	46.57	58	12.89	34	39.96	21	24.835	118	12.52	62	5.329	265	68.64	18
Dez. 5	31.173	106	47.15	57	12.55	31	39.75	72	24.717	106	13.14	67	5.064	255	68.46	71
15	31.067	88	47.72	54	12.24	27	39.03	121	24.611	90	13.81	70	4.809	237	67.75	122
25	30.979	67	48.26	47	11.97	22	37.82	166	24.521	70	14.51	70	4.572	210	66.53	170
35	30.912		48.73		11.75		36.16		24.451		15.21		4.362		64.83	
Mittl. Ort	27.479		69.66		8.04		46.53		21.069		38.11		2.370		28.07	
sec δ, tg δ	1.010		−0.142		2.036		−1.773		1.000		−0.030		1.621		+1.276	
a, a′	+3.2		+17.9		+4.1		+17.9		+3.1		+18.1		+2.4		+18.2	
b, b′	−0.01		+ 0.45		−0.11		+ 0.45		0.00		+ 0.43		+0.08		+ 0.42	

Tag	848) 7 Lacertae AR.		848) 7 Lacertae Dekl.		850) η Aquarii AR.		850) η Aquarii Dekl.		852) 10 Lacertae AR.		852) 10 Lacertae Dekl.		855) ζ Pegasi AR.		855) ζ Pegasi Dekl.	
1936	22h 28m		+49° 57′		22h 32m		−0° 26′		22h 36m		+38° 42′		22h 38m		+10° 29′	
	s		"		s		"		s		"		s		"	
Jan. 1	38.656	180	28.50	185	4.435	63	48.66	71	23.139	130	75.65	169	16.474	73	55.70	106
11	38.476	146	26.65	222	4.372	42	49.37	67	23.009	105	73.96	198	16.401	53	54.64	112
21	38.330	104	24.43	250	4.330	18	50.04	61	22.904	72	71.98	219	16.348	29	53.52	113
31	38.226	56	21.93	267	4.312	9	50.65	50	22.832	36	69.79	232	16.319	3	52.39	109
Febr. 10	38.170	4	19.26	275	4.321	36	51.15	35	22.796	4	67.47	235	16.316	25	51.30	98
20	38.166	53	16.51	268	4.357	67	51.50	17	22.800	49	65.12	226	16.341	58	50.32	82
März 1	38.219	112	13.83	253	4.424	99	51.67	5	22.849	95	62.86	209	16.399	91	49.50	61
11	38.331	170	11.30	225	4.523	132	51.62	30	22.944	143	60.77	183	16.490	127	48.89	34
21	38.501	228	9.05	189	4.655	167	51.32	56	23.087	190	58.94	146	16.617	163	48.55	4
31	38.729	281	7.16	144	4.822	200	50.76	84	23.277	235	57.48	105	16.780	196	48.51	29
Apr. 10	39.010	328	5.72	94	5.022	231	49.92	111	23.512	276	56.43	58	16.976	231	48.80	63
20	39.338	368	4.78	40	5.253	259	48.81	135	23.788	311	55.85	8	17.207	259	49.43	96
30	39.706	398	4.38	16	5.512	283	47.46	159	24.099	339	55.77	42	17.466	284	50.39	127
Mai 10	40.104	417	4.54	71	5.795	301	45.87	176	24.438	359	56.19	92	17.750	303	51.66	157
20	40.521	426	5.25	125	6.096	311	44.11	191	24.797	369	57.11	139	18.053	314	53.23	181
30	40.947	423	6.50	174	6.407	315	42.20	200	25.166	370	58.50	182	18.367	318	55.04	200
Juni 9	41.370	408	8.24	219	6.722	310	40.20	204	25.536	361	60.32	220	18.685	313	57.04	216
19	41.778	384	10.43	257	7.032	297	38.16	202	25.897	342	62.52	251	18.998	301	59.20	223
29	42.162	349	13.00	290	7.329	278	36.14	195	26.239	315	65.03	278	19.299	280	61.43	227
Juli 9	42.511	306	15.90	314	7.607	250	34.19	184	26.554	281	67.81	296	19.579	253	63.70	224
19	42.817	256	19.04	332	7.857	217	32.35	169	26.835	240	70.77	308	19.832	221	65.94	216
29	43.073	201	22.36	342	8.074	179	30.66	150	27.075	194	73.85	312	20.053	182	68.10	205
Aug. 8	43.274	143	25.78	345	8.253	138	29.16	128	27.269	145	76.97	311	20.235	141	70.15	188
18	43.417	84	29.23	340	8.391	95	27.88	107	27.414	94	80.08	303	20.376	99	72.03	169
28	43.501	26	32.63	329	8.486	53	26.81	83	27.508	45	83.11	289	20.475	57	73.72	147
	29				30				31				31			
Sept. 6	43.527	30	35.92	311	8.539	13	25.98	60	27.553	2	86.00	269	20.532	16	75.19	125
16	43.497	81	39.03	287	8.552	25	25.38	38	27.551	47	88.69	245	20.548	21	76.44	101
26	43.416	128	41.90	258	8.527	58	25.00	17	27.504	85	91.14	216	20.527	54	77.45	76
Okt. 6	43.288	166	44.48	222	8.469	83	24.83	1	27.419	119	93.30	184	20.473	80	78.21	52
16	43.122	199	46.70	183	8.386	104	24.84	18	27.300	145	95.14	146	20.393	102	78.73	29
26	42.923	223	48.53	138	8.282	117	25.02	32	27.155	164	96.60	107	20.291	115	79.02	6
Nov. 5	42.700	239	49.91	91	8.165	123	25.34	44	26.991	178	97.67	65	20.176	124	79.08	16
15	42.461	247	50.82	40	8.042	123	25.78	54	26.813	184	98.32	21	20.052	126	78.92	38
25	42.214	247	51.22	12	7.919	119	26.32	62	26.629	183	98.53	23	19.926	122	78.54	56
Dez. 5	41.967	240	51.10	64	7.800	109	26.94	68	26.446	177	98.30	68	19.804	115	77.98	74
15	41.727	224	50.46	114	7.691	95	27.62	72	26.269	165	97.62	110	19.689	103	77.24	90
25	41.503	201	49.32	162	7.596	78	28.34	74	26.104	148	96.52	148	19.586	87	76.34	102
35	41.302		47.70		7.518		29.08		25.956		95.04		19.499		75.32	
Mittl. Ort	39.057		10.50		4.088		52.83		23.176		59.90		16.157		48.02	
sec δ, tg δ	1.554		+1.190		1.000		−0.008		1.282		+0.802		1.017		+0.185	
a, *a′*	+2.5		+18.5		+3.1		+18.6		+2.7		+18.7		+3.0		+18.8	
b, *b′*	+0.07		+ 0.39		0.00		+ 0.37		+0.05		+ 0.36		+0.01		+ 0.35	

Tag	856) β Gruis				857) η Pegasi				859) λ Pegasi				860) ε Gruis			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$22^h\ 38^m$		$-47°\ 12'$		$22^h\ 39^m$		$+29°\ 53'$		$22^h\ 43^m$		$+23°\ 13'$		$22^h\ 44^m$		$-51°\ 38'$	
	s		"		s		"		s		"		s		"	
Jan. 1	51.504	132	80.82	120	60.096	105	22.71	153	27.006	93	53.68	137	42.175	160	83.70	134
11	51.372	97	79.62	157	59.991	83	21.18	174	26.913	73	52.31	154	42.015	123	82.36	172
21	51.275	58	78.05	188	59.908	56	19.44	191	26.840	47	50.77	164	41.892	80	80.64	208
31	51.217	17	76.17	218	59.852	24	17.53	198	26.793	19	49.13	169	41.812	35	78.56	237
Febr. 10	51.200	26	73.99	240	59.828	10	15.55	197	26.774	13	47.44	165	41.777	13	76.19	261
20	51.226	72	71.59	259	59.838	49	13.58	187	26.787	48	45.79	152	41.790	62	73.58	280
März 1	51.298	117	69.00	272	59.887	90	11.71	167	26.835	85	44.27	133	41.852	112	70.78	293
11	51.415	163	66.28	280	59.977	131	10.04	141	26.920	125	42.94	106	41.964	163	67.85	300
21	51.578	210	63.48	283	60.108	174	8.63	106	27.045	164	41.88	74	42.127	215	64.85	301
31	51.788	254	60.65	280	60.282	214	7.57	67	27.209	202	41.14	36	42.342	263	61.84	297
Apr. 10	52.042	297	57.85	273	60.496	252	6.90	24	27.411	239	40.78	4	42.605	310	58.87	285
20	52.339	335	55.12	258	60.748	285	6.66	22	27.650	271	40.82	46	42.915	353	56.02	269
30	52.674	368	52.54	238	61.033	312	6.88	67	27.921	297	41.28	86	43.268	389	53.33	246
Mai 10	53.042	394	50.16	213	61.345	331	7.55	111	28.218	316	42.14	126	43.657	418	50.87	217
20	53.436	411	48.03	184	61.676	342	8.66	153	28.534	329	43.40	161	44.075	438	48.70	186
30	53.847	419	46.19	150	62.018	344	10.19	188	28.863	332	45.01	193	44.513	448	46.84	147
Juni 9	54.266	417	44.69	112	62.362	339	12.07	220	29.195	327	46.94	218	44.961	446	45.37	107
19	54.683	403	43.57	71	62.701	322	14.27	246	29.522	314	49.12	239	45.407	434	44.30	63
29	55.086	380	42.86	29	63.023	300	16.73	265	29.836	292	51.51	253	45.841	410	43.67	18
Juli 9	55.466	345	42.57	13	63.323	268	19.38	277	30.128	263	54.04	261	46.251	374	43.49	26
19	55.811	303	42.70	54	63.591	231	22.15	284	30.391	229	56.65	262	46.625	329	43.75	69
29	56.114	251	43.24	93	63.822	190	24.99	284	30.620	190	59.27	259	46.954	276	44.44	110
Aug. 8	56.365	194	44.17	128	64.012	146	27.83	278	30.810	147	61.86	249	47.230	214	45.54	146
18	56.559	133	45.45	157	64.158	98	30.61	266	30.957	103	64.35	235	47.444	148	47.00	177
28	56.692	71	47.02	179	64.256	54	33.27	250	31.060	59	66.70	218	47.592	80	48.77	199
	31				1				1				2			
Sept. 6	56.763	8	48.81	195	64.310	9	35.77	229	31.119	17	68.88	195	47.672	13	50.76	214
16	56.771	50	50.76	202	64.319	31	38.06	204	31.136	22	70.83	172	47.685	52	52.90	221
26	56.721	103	52.78	200	64.288	67	40.10	177	31.114	56	72.55	144	47.633	111	55.11	217
Okt. 6	56.618	148	54.78	189	64.221	98	41.87	146	31.058	85	73.99	116	47.522	161	57.28	205
16	56.470	183	56.67	170	64.123	121	43.33	113	30.973	108	75.15	86	47.361	202	59.33	184
26	56.287	209	58.37	144	64.002	138	44.46	77	30.865	125	76.01	54	47.159	233	61.17	154
Nov. 5	56.078	223	59.81	110	63.864	150	45.23	41	30.740	135	76.55	22	46.926	250	62.71	118
15	55.855	228	60.91	74	63.714	154	45.64	3	30.605	139	76.77	9	46.676	258	63.89	77
25	55.627	221	61.65	32	63.560	154	45.67	34	30.466	138	76.68	41	46.418	252	64.66	32
Dez. 5	55.406	206	61.97	10	63.406	147	45.33	71	30.328	132	76.27	72	46.166	239	64.98	14
15	55.200	185	61.87	53	63.259	137	44.62	106	30.196	122	75.55	100	45.927	216	64.84	61
25	55.015	156	61.34	94	63.122	120	43.56	137	30.074	107	74.55	125	45.711	187	64.23	104
35	54.859		60.40		63.002		42.19		29.967		73.30		45.524		63.19	
Mittl. Ort	51.162		72.67		59.960		9.19		26.767		41.98		41.844		74.64	
sec δ, tg δ	1.472		−1.081		1.153		+0.575		1.088		+0.429		1.612		−1.264	
a, *a′*	+3.6		+18.8		+2.8		+18.8		+2.9		+18.9		+3.6		+19.0	
b, *b′*	−0.07		+ 0.35		+0.04		+ 0.34		+0.03		+ 0.33		−0.08		+ 0.32	

Tag	863) ι Cephei AR.		863) ι Cephei Dekl.		864) λ Aquarii AR.		864) λ Aquarii Dekl.	
1936	22h 47m		+65° 51′		22h 49m		−7° 54′	
	s		"		s		"	
Jan. 1	22.73	38	70.40	162	17.062	73	72.31	43
11	22.35	32	68.78	211	16.989	53	72.74	33
21	22.03	26	66.67	250	16.936	31	73.07	20
31	21.77	18	64.17	281	16.905	7	73.27	6
Febr. 10	21.59	10	61.36	299	16.898	21	73.33	12
20	21.49	1	58.37	305	16.919	50	73.21	31
März 1	21.48	10	55.32	298	16.969	83	72.90	53
11	21.58	19	52.34	279	17.052	116	72.37	76
21	21.77	28	49.55	250	17.168	152	71.61	99
31	22.05	37	47.05	209	17.320	186	70.62	122
Apr. 10	22.42	45	44.96	161	17.506	219	69.40	143
20	22.87	52	43.35	107	17.725	250	67.97	163
30	23.39	57	42.28	50	17.975	276	66.34	179
Mai 10	23.96	59	41.78	9	18.251	297	64.55	191
20	24.55	62	41.87	68	18.548	310	62.64	198
30	25.17	61	42.55	124	18.858	318	60.66	200
Juni 9	25.78	59	43.79	178	19.176	316	58.66	196
19	26.37	56	45.57	224	19.492	306	56.70	189
29	26.93	51	47.81	268	19.798	289	54.81	175
Juli 9	27.44	46	50.49	304	20.087	265	53.06	158
19	27.90	38	53.53	331	20.352	233	51.48	138
29	28.28	30	56.84	353	20.585	196	50.10	114
Aug. 8	28.58	22	60.37	366	20.781	157	48.96	90
18	28.80	13	64.03	371	20.938	114	48.06	65
28	28.93	5	67.74	370	21.052	71	47.41	39
Sept. 6	28.98	3	71.44	359	21.123	30	47.02	17
16	28.95	12	75.03	343	21.153	9	46.85	5
26	28.83	19	78.46	319	21.144	43	46.90	24
Okt. 6	28.64	26	81.65	287	21.101	72	47.14	38
16	28.38	31	84.52	250	21.029	94	47.52	50
26	28.07	36	87.02	205	20.935	110	48.02	58
Nov. 5	27.71	40	89.07	157	20.825	119	48.60	64
15	27.31	43	90.64	102	20.706	122	49.24	65
25	26.88	44	91.66	44	20.584	120	49.89	65
Dez. 5	26.44	44	92.10	15	20.464	113	50.54	62
15	26.00	43	91.95	74	20.351	101	51.16	58
25	25.57	40	91.21	130	20.250	87	51.74	50
35	25.17		89.91		20.163		52.24	
Mittl. Ort	23.75		48.45		16.601		74.41	
sec δ, tg δ	2.445		+2.232		1.010		−0.139	
a, *a′*	+2.1		+19.0		+3.1		+19.1	
b, *b′*	+0.14		+ 0.31		−0.01		+ 0.30	

Tag	865) ρ Indi AR.		865) ρ Indi Dekl.		866) δ Aquarii AR.		866) δ Aquarii Dekl.	
1936	22h 50m		−70° 24′		22h 51m		−16° 9′	
	s		"		s		"	
Jan. 1	13.87	40	70.28	199	15.820	77	42.25	13
11	13.47	33	68.29	244	15.743	58	42.38	4
21	13.14	23	65.85	283	15.685	34	42.34	23
31	12.91	15	63.02	314	15.651	9	42.11	41
Febr. 10	12.76	5	59.88	337	15.642	20	41.70	62
20	12.71	4	56.51	353	15.662	49	41.08	83
März 1	12.75	14	52.98	360	15.711	82	40.25	103
11	12.89	24	49.38	359	15.793	117	39.22	124
21	13.13	32	45.79	352	15.910	152	37.98	145
31	13.45	42	42.27	336	16.062	188	36.53	162
Apr. 10	13.87	50	38.91	314	16.250	221	34.91	179
20	14.37	57	35.77	285	16.471	253	33.12	191
30	14.94	64	32.92	251	16.724	280	31.21	200
Mai 10	15.58	68	30.41	210	17.004	302	29.21	204
20	16.26	72	28.31	166	17.306	316	27.17	203
30	16.98	73	26.65	117	17.622	324	25.14	196
Juni 9	17.71	74	25.48	67	17.946	324	23.18	186
19	18.45	72	24.81	14	18.270	314	21.32	170
29	19.17	68	24.67	39	18.584	298	19.62	149
Juli 9	19.85	62	25.06	89	18.882	272	18.13	126
19	20.47	54	25.95	136	19.154	241	16.87	100
29	21.01	46	27.31	181	19.395	205	15.87	72
Aug. 8	21.47	35	29.12	216	19.600	163	15.15	44
18	21.82	23	31.28	246	19.763	119	14.71	16
28	22.05	11	33.74	266	19.882	75	14.55	9
Sept. 6	22.16	1	36.40	277	19.957	31	14.64	33
16	22.15	13	39.17	275	19.988	9	14.97	52
26	22.02	24	41.92	264	19.979	44	15.49	68
Okt. 6	21.78	34	44.56	242	19.935	75	16.17	78
16	21.44	43	46.98	208	19.860	99	16.95	84
26	21.01	49	49.06	167	19.761	116	17.79	85
Nov. 5	20.52	54	50.73	118	19.645	125	18.64	83
15	19.98	56	51.91	63	19.520	130	19.47	76
25	19.42	56	52.54	6	19.390	126	20.23	67
Dez. 5	18.86	54	52.60	53	19.264	120	20.90	54
15	18.32	49	52.07	111	19.144	108	21.44	41
25	17.83	45	50.96	165	19.036	92	21.85	25
35	17.38		49.31		18.944		22.10	
Mittl. Ort	13.97		58.65		15.332		41.84	
sec δ, tg δ	2.983		−2.811		1.041		−0.290	
a, *a′*	+4.2		+19.1		+3.2		+19.1	
b, *b′*	−0.18		+ 0.30		−0.02		+ 0.30	

Tag		867) α Pisc. austr.				869) o Andromedae				870) β Pegasi				871) α Pegasi			
		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936		$22^h\ 54^m$		$-29°\ 57'$		$22^h\ 58^m$		$+41°\ 58'$		$23^h\ 0^m$		$+27°\ 44'$		$23^h\ 1^m$		$+14°\ 51'$	
		s		"		s		"		s		"		s		"	
Jan.	1	7.560	96	46.96	39	58.414	157	70.95	152	40.431	111	20.40	133	34.683	90	47.37	109
	11	7.464	72	46.57	67	58.257	133	69.43	185	40.320	92	19.07	157	34.593	73	46.28	119
	21	7.392	46	45.90	94	58.124	104	67.58	212	40.228	68	17.50	171	34.520	52	45.09	125
	31	7.346	17	44.96	120	58.020	68	65.46	231	40.160	41	15.79	181	34.468	27	43.84	124
Febr.	10	7.329	15	43.76	143	57.952	27	63.15	238	40.119	9	13.98	180	34.441	0	42.60	118
	20	7.344	48	42.33	165	57.925	18	60.77	237	40.110	28	12.18	173	34.441	33	41.42	105
März	1	7.392	84	40.68	185	57.943	67	58.40	223	40.138	67	10.45	156	34.474	67	40.37	85
	11	7.476	121	38.83	202	58.010	119	56.17	202	40.205	108	8.89	132	34.541	104	39.52	61
	21	7.597	160	36.81	215	58.129	170	54.15	169	40.313	151	7.57	101	34.645	142	38.91	30
	31	7.757	197	34.66	226	58.299	221	52.46	131	40.464	193	6.56	64	34.787	179	38.61	0
Apr.	10	7.954	235	32.40	232	58.520	267	51.15	87	40.657	232	5.92	24	34.966	217	38.61	37
	20	8.189	269	30.08	232	58.787	307	50.28	38	40.889	268	5.68	18	35.183	249	38.98	72
	30	8.458	298	27.76	230	59.094	341	49.90	12	41.157	298	5.86	62	35.432	277	39.70	106
Mai	10	8.756	323	25.46	220	59.435	366	50.02	63	41.455	321	6.48	104	35.709	300	40.76	139
	20	9.079	339	23.26	206	59.801	382	50.65	112	41.776	336	7.52	143	36.009	314	42.15	167
	30	9.418	349	21.20	188	60.183	387	51.77	157	42.112	342	8.95	177	36.323	323	43.82	192
Juni	9	9.767	349	19.32	163	60.570	382	53.34	199	42.454	340	10.72	209	36.646	320	45.74	211
	19	10.116	341	17.69	135	60.952	367	55.33	235	42.794	328	12.81	234	36.966	312	47.85	224
	29	10.457	323	16.34	104	61.319	343	57.68	264	43.122	310	15.15	253	37.278	295	50.09	232
Juli	9	10.780	298	15.30	71	61.662	311	60.32	288	43.432	281	17.68	265	37.573	270	52.41	234
	19	11.078	264	14.59	35	61.973	271	63.20	304	43.713	249	20.33	272	37.843	239	54.75	231
	29	11.342	225	14.24	1	62.244	226	66.24	314	43.962	209	23.05	272	38.082	203	57.06	223
Aug.	8	11.567	179	14.23	32	62.470	177	69.38	317	44.171	168	25.77	267	38.285	164	59.29	209
	18	11.746	132	14.55	63	62.647	127	72.55	313	44.339	123	28.44	256	38.449	122	61.38	193
	28	11.878	83	15.18	89	62.774	76	75.68	302	44.462	78	31.00	241	38.571	80	63.31	174
Sept.	6	4 11.961	34	16.07	112	5 62.850	26	78.70	288	6 44.540	35	33.41	222	6 38.651	39	65.05	151
	16	11.995	12	17.19	127	62.876	20	81.58	266	44.575	5	35.63	198	38.690	1	66.56	128
	26	11.983	52	18.46	137	62.856	62	84.24	240	44.570	41	37.61	173	38.691	33	67.84	103
Okt.	6	11.931	88	19.83	140	62.794	100	86.64	210	44.529	73	39.34	144	38.658	61	68.87	78
	16	11.843	116	21.23	136	62.694	130	88.74	174	44.456	98	40.78	113	38.597	86	69.65	53
	26	11.727	136	22.59	125	62.564	156	90.48	136	44.358	118	41.91	81	38.511	103	70.18	27
Nov.	5	11.591	148	23.84	109	62.408	173	91.84	94	44.240	132	42.72	46	38.408	115	70.45	3
	15	11.443	154	24.93	89	62.235	185	92.78	50	44.108	141	43.18	12	38.293	122	70.48	21
	25	11.289	151	25.82	64	62.050	191	93.28	4	43.967	143	43.30	23	38.171	123	70.27	45
Dez.	5	11.138	143	26.46	38	61.859	191	93.32	42	43.824	141	43.07	57	38.048	120	69.82	66
	15	10.995	130	26.84	10	61.668	183	92.90	87	43.683	135	42.50	90	37.928	112	69.16	85
	25	10.865	112	26.94	20	61.485	170	92.03	130	43.548	123	41.60	119	37.816	102	68.31	103
	35	10.753		26.74		61.315		90.73		43.425		40.41		37.714		67.28	
Mittl. Ort		7.058		42.64		58.324		53.41		40.124		6.80		34.260		37.75	
sec δ, tg δ		1.154		−0.577		1.345		+0.900		1.130		+0.526		1.035		+0.265	
a, a′		+3.3		+19.2		+2.8		+19.3		+2.9		+19.4		+3.0		+19.4	
b, b′		−0.04		+ 0.28		+0.06		+ 0.26		+0.03		+ 0.26		+0.02		+ 0.25	

Scheinbare Sternörter 1936

Tag	872) ϑ Gruis				874) π Cephei				873) c^2 Aquarii				875) Br 3077[1])			
	AR.		Dekl.		AR.		Dekl.		AR.		Dekl.		AR.		Dekl.	
1936	$23^h\ 3^m$		$-43°\ 51'$		$23^h\ 5^m$		$+75°\ 2'$		$23^h\ 6^m$		$-21°\ 30'$		$23^h\ 10^m$		$+56°\ 48'$	
	s		"		s		"		s		"		s		"	
Jan. 1	17.299	143	68.08	88	49.60	69	52.92	128	2.758	91	74.56	2	11.387	255	74.20	142
11	17.156	114	67.20	126	48.91	61	51.64	182	2.667	72	74.54	25	11.132	225	72.78	188
21	17.042	82	65.94	161	48.30	52	49.82	230	2.595	50	74.29	48	10.907	185	70.90	225
31	16.960	47	64.33	192	47.78	40	47.52	268	2.545	26	73.81	71	10.722	135	68.65	255
Febr. 10	16.913	8	62.41	219	47.38	26	44.84	295	2.519	3	73.10	93	10.587	77	66.10	273
20	16.905	32	60.22	242	47.12	12	41.89	310	2.522	34	72.17	116	10.510	13	63.37	280
März 1	16.937	75	57.80	259	47.00	5	38.79	312	2.556	67	71.01	137	10.497	58	60.57	275
11	17.012	120	55.21	273	47.05	20	35.67	301	2.623	102	69.64	157	10.555	129	57.82	258
21	17.132	166	52.48	280	47.25	36	32.66	278	2.725	140	68.07	176	10.684	203	55.24	231
31	17.298	211	49.68	283	47.61	50	29.88	245	2.865	176	66.31	191	10.887	271	52.93	194
Apr. 10	17.509	254	46.85	280	48.11	63	27.43	201	3.041	213	64.40	205	11.158	335	50.99	150
20	17.763	295	44.05	271	48.74	74	25.42	151	3.254	247	62.35	213	11.493	390	49.49	99
30	18.058	331	41.34	256	49.48	82	23.91	96	3.501	276	60.22	218	11.883	436	48.50	45
Mai 10	18.389	360	38.78	236	50.30	88	22.95	37	3.777	302	58.04	218	12.319	469	48.05	11
20	18.749	382	36.42	210	51.18	91	22.58	23	4.079	319	55.86	211	12.788	490	48.16	66
30	19.131	395	34.32	178	52.09	93	22.81	80	4.398	330	53.75	201	13.278	497	48.82	119
Juni 9	19.526	398	32.54	144	53.02	90	23.61	137	4.728	331	51.74	185	13.775	491	50.01	170
19	19.924	391	31.10	105	53.92	85	24.98	190	5.059	326	49.89	164	14.266	473	51.71	216
29	20.315	373	30.05	63	54.77	79	26.88	237	5.385	311	48.25	140	14.739	441	53.87	255
Juli 9	20.688	346	29.42	22	55.56	71	29.25	278	5.696	288	46.85	111	15.180	401	56.42	289
19	21.034	309	29.20	21	56.27	61	32.03	314	5.984	257	45.74	82	15.581	351	59.31	316
29	21.343	265	29.41	63	56.88	49	35.17	341	6.241	222	44.92	49	15.932	294	62.47	335
Aug. 8	21.608	213	30.04	100	57.37	38	38.58	362	6.463	181	44.43	19	16.226	233	65.82	348
18	21.821	158	31.04	133	57.75	24	42.20	375	6.644	136	44.24	12	16.459	169	69.30	353
28	21.979	100	32.37	161	57.99	12	45.95	380	6.780	92	44.36	40	16.628	103	72.83	351
Sept. 6*)	6 22.079	41	33.98	182	7 58.11	2	49.75	378	7 6.872	47	44.76	64	8 16.731	40	76.34	342
16	22.120	14	35.80	195	58.09	14	53.53	368	6.919	4	45.40	84	16.771	23	79.76	325
26	22.106	66	37.75	199	57.95	26	57.21	349	6.923	34	46.24	98	16.748	79	83.01	303
Okt. 6	22.040	110	39.74	195	57.69	37	60.70	324	6.889	67	47.22	107	16.669	131	86.04	274
16	21.930	148	41.69	182	57.32	47	63.94	290	6.822	93	48.29	111	16.538	177	88.78	239
26	21.782	176	43.51	161	56.85	56	66.84	250	6.729	114	49.40	108	16.361	215	91.17	198
Nov. 5	21.606	194	45.12	133	56.29	64	69.34	203	6.615	126	50.48	101	16.146	245	93.15	153
15	21.412	204	46.45	100	55.65	70	71.37	150	6.489	133	51.49	89	15.901	269	94.68	103
25	21.208	205	47.45	61	54.95	73	72.87	92	6.356	134	52.38	73	15.632	283	95.71	50
Dez. 5	21.003	196	48.06	22	54.22	76	73.79	31	6.222	128	53.11	56	15.349	288	96.21	5
15	20.807	182	48.28	20	53.46	74	74.10	31	6.094	118	53.67	35	15.061	285	96.16	60
25	20.625	162	48.08	61	52.72	72	73.79	92	5.976	105	54.02	14	14.776	271	95.56	113
35	20.463		47.47		52.00		72.87		5.871		54.16		14.505		94.43	
Mittl. Ort	16.792		60.30		51.38		28.83		2.191		72.60		11.582		52.85	
sec δ, tg δ	1.387		−0.961		3.874		+3.743		1.075		−0.394		1.827		+1.529	
a, a′	+3.4		+19.4		+1.9		+19.5		+3.2		+19.5		+2.6		+19.6	
b, b′	−0.06		+ 0.24		+0.24		+ 0.23		−0.03		+ 0.23		+0.10		+ 0.22	

[1]) Die jährliche Parallaxe (0."145) ist bereits berücksichtigt.
*) Bei Stern 874), 873) und 875) lies Sept. 7

Tag	877) γ Tucanae AR.		877) γ Tucanae Dekl.		879) γ Sculptoris AR.		879) γ Sculptoris Dekl.		880) τ Pegasi AR.		880) τ Pegasi Dekl.	
1936	$23^h\ 13^m$		$-58°\ 34'$		$23^h\ 15^m$		$-32°\ 52'$		$23^h\ 17^m$		$+23°\ 23'$	
	s		"		s		"		s		"	
Jan. 1	42.717	249	83.68	133	22.943	117	56.86	39	28.443	109	35.39	117
11	42.468	209	82.35	179	22.826	97	56.47	70	28.334	94	34.22	137
21	42.259	164	80.56	221	22.729	72	55.77	101	28.240	75	32.85	149
31	42.095	113	78.35	256	22.657	45	54.76	131	28.165	50	31.36	156
Febr. 10	41.982	58	75.79	285	22.612	13	53.45	157	28.115	22	29.80	156
20	41.924	0	72.94	308	22.599	20	51.88	181	28.093	12	28.24	148
März 1	41.924	60	69.86	324	22.619	57	50.07	202	28.105	49	26.76	133
11	41.984	122	66.62	334	22.676	95	48.05	221	28.154	89	25.43	110
21	42.106	184	63.28	335	22.771	137	45.84	235	28.243	131	24.33	82
31	42.290	246	59.93	331	22.908	176	43.49	245	28.374	172	23.51	48
Apr. 10	42.536	305	56.62	319	23.084	217	41.04	252	28.546	212	23.03	10
20	42.841	360	53.43	301	23.301	255	38.52	251	28.758	248	22.93	28
30	43.201	409	50.42	277	23.556	288	36.01	247	29.006	281	23.21	68
Mai 10	43.610	450	47.65	246	23.844	316	33.54	237	29.287	306	23.89	106
20	44.060	480	45.19	209	24.160	338	31.17	221	29.593	323	24.95	142
30	44.540	501	43.10	169	24.498	352	28.96	200	29.916	334	26.37	174
Juni 9	45.041	508	41.41	124	24.850	356	26.96	174	30.250	334	28.11	202
19	45.549	503	40.17	75	25.206	351	25.22	144	30.584	327	30.13	223
29	46.052	483	39.42	27	25.557	338	23.78	109	30.911	311	32.36	239
Juli 9	46.535	452	39.15	24	25.895	315	22.69	73	31.222	288	34.75	250
19	46.987	406	39.39	72	26.210	285	21.96	35	31.510	257	37.25	254
29	47.393	350	40.11	119	26.495	247	21.61	2	31.767	221	39.79	252
Aug. 8	47.743	284	41.30	159	26.742	203	21.63	40	31.988	182	42.31	246
18	48.027	212	42.89	195	26.945	156	22.03	72	32.170	140	44.77	234
28	48.239	134	44.84	223	27.101	107	22.75	103	32.310	97	47.11	219
Sept. 7	9 48.373	54	47.07	243	10 27.208	56	23.78	128	10 32.407	55	49.30	200
16	48.427	24	49.50	252	27.264	10	25.06	145	32.462	16	51.30	177
26	48.403	97	52.02	252	27.274	35	26.51	157	32.478	20	53.07	152
Okt. 6	48.306	163	54.54	241	27.239	73	28.08	161	32.458	51	54.59	127
16	48.143	220	56.95	219	27.166	105	29.69	157	32.407	78	55.86	98
26	47.923	266	59.14	190	27.061	130	31.26	146	32.329	99	56.84	68
Nov. 5	47.657	298	61.04	151	26.931	147	32.72	130	32.230	115	57.52	39
15	47.359	317	62.55	106	26.784	156	34.02	106	32.115	124	57.91	8
25	47.042	323	63.61	57	26.628	159	35.08	80	31.991	130	57.99	22
Dez. 5	46.719	318	64.18	4	26.469	155	35.88	49	31.861	131	57.77	52
15	46.401	300	64.22	49	26.314	146	36.37	17	31.730	128	57.25	80
25	46.101	274	63.73	100	26.168	132	36.54	16	31.602	119	56.45	105
35	45.827		62.73		26.036		36.38		31.483		55.40	
Mittl. Ort	42.274		73.03		22.333		51.67		27.979		22.66	
sec δ, tg δ	1.919		−1.637		1.191		−0.646		1.090		+0.433	
a, a′	+3.5		+19.6		+3.2		+19.7		+3.0		+19.7	
b, b′	−0.11		+ 0.20		−0.04		+ 0.19		+0.03		+ 0.18	

Scheinbare Sternörter 1936

Tag	882) 4 Cassiopeiae AR.		882) Dekl.		884) κ Piscium AR.		884) Dekl.		885) 70 Pegasi AR.		885) Dekl.	
1936	$23^h\ 21^m$		$+61°\ 55'$		$23^h\ 23^m$		$+0°\ 54'$		$23^h\ 25^m$		$+12°\ 24'$	
	s		″		s		″		s		″	
Jan. 1	58.92	33	75.17	124	39.700	90	23.29	71	55.545	98	35.10	94
11	58.59	31	73.93	173	39.610	76	22.58	67	55.447	84	34.16	103
21	58.28	26	72.20	217	39.534	60	21.91	60	55.363	68	33.13	107
31	58.02	20	70.03	252	39.474	38	21.31	52	55.295	46	32.06	106
Febr. 10	57.82	13	67.51	275	39.436	15	20.79	38	55.249	21	31.00	100
20	57.69	6	64.76	288	39.421	15	20.41	21	55.228	9	30.00	87
März 1	57.63	2	61.88	289	39.436	46	20.20	0	55.237	42	29.13	70
11	57.65	10	58.99	277	39.482	80	20.20	23	55.279	79	28.43	47
21	57.75	20	56.22	253	39.562	118	20.43	48	55.358	117	27.96	19
31	57.95	27	53.69	221	39.680	155	20.91	75	55.475	156	27.77	10
Apr. 10	58.22	35	51.48	179	39.835	191	21.66	102	55.631	195	27.87	43
20	58.57	43	49.69	130	40.026	226	22.68	128	55.826	231	28.30	75
30	59.00	47	48.39	77	40.252	257	23.96	151	56.057	261	29.05	108
Mai 10	59.47	51	47.62	21	40.509	282	25.47	171	56.318	288	30.13	137
20	59.98	54	47.41	35	40.791	301	27.18	188	56.606	307	31.50	164
30	60.52	56	47.76	91	41.092	313	29.06	200	56.913	318	33.14	186
Juni 9	61.08	55	48.67	144	41.405	316	31.06	206	57.231	322	35.00	204
19	61.63	54	50.11	193	41.721	312	33.12	206	57.553	317	37.04	216
29	62.17	50	52.04	236	42.033	299	35.18	202	57.870	303	39.20	222
Juli 9	62.67	46	54.40	275	42.332	280	37.20	194	58.173	283	41.42	224
19	63.13	40	57.15	305	42.612	253	39.14	179	58.456	256	43.66	219
29	63.53	35	60.20	331	42.865	220	40.93	161	58.712	222	45.85	210
Aug. 8	63.88	27	63.51	347	43.085	183	42.54	141	58.934	186	47.95	197
18	64.15	21	66.98	358	43.268	144	43.95	118	59.120	146	49.92	180
28	64.36	13	70.56	360	43.412	104	45.13	94	59.266	105	51.72	160
Sept. 7	64.49	6	74.16	356	(12) 43.516	63	46.07	70	(12) 59.371	65	53.32	138
16	(11) 64.55	1	77.72	343	43.579	25	46.77	46	59.436	28	54.70	116
26	64.54	8	81.15	325	43.604	9	47.23	24	59.464	8	55.86	92
Okt. 6	64.46	15	84.40	299	43.595	39	47.47	4	59.456	38	56.78	67
16	64.31	20	87.39	266	43.556	65	47.51	14	59.418	64	57.45	45
26	64.11	24	90.05	227	43.491	84	47.37	30	59.354	84	57.90	22
Nov. 5	63.87	29	92.32	182	43.407	99	47.07	42	59.270	99	58.12	1
15	63.58	32	94.14	133	43.308	107	46.65	53	59.171	109	58.11	21
25	63.26	34	95.47	79	43.201	112	46.12	62	59.062	115	57.90	41
Dez. 5	62.92	36	96.26	22	43.089	111	45.50	67	58.947	116	57.49	59
15	62.56	36	96.48	35	42.978	108	44.83	72	58.831	113	56.90	76
25	62.20	35	96.13	92	42.870	99	44.11	73	58.718	106	56.14	90
35	61.85		95.21		42.771		43.38		58.612		55.24	
Mittl. Ort	59.14		52.31		39.081		17.91		54.958		25.80	
sec δ, tg δ	2.125		+1.875		1.000		+0.016		1.024		+0.220	
a, a′	+2.7		+19.8		+3.1		+19.8		+3.0		+19.8	
b, b′	+0.12		+0.17		0.00		+0.16		+0.01		+0.15	

Tag	891) ι Andromedae AR.		891) Dekl.		892) ι Piscium AR.		892) Dekl.		893) γ Cephei AR.		893) Dekl.	
1936	23h 34m		+42° 54′		23h 36m		+5° 16′		23h 36m		+77° 16′	
	s		"		s		"		s		"	
Jan. 1	59.888	175	67.58	118	40.113	96	51.90	79	41.04	86	56.05	83
11	59.713	161	66.40	155	40.017	84	51.11	80	40.18	79	55.22	141
21	59.552	137	64.85	187	39.933	70	50.31	79	39.39	71	53.81	194
31	59.415	108	62.98	210	39.863	50	49.52	72	38.68	58	51.87	240
Febr. 10	59.307	72	60.88	225	39.813	27	48.80	61	38.10	43	49.47	275
20	59.235	27	58.63	230	39.786	1	48.19	47	37.67	27	46.72	298
März 1	59.208	20	56.33	225	39.787	32	47.72	27	37.40	9	43.74	310
11	59.228	74	54.08	209	39.819	69	47.45	6	37.31	10	40.64	308
21	59.302	128	51.99	185	39.888	105	47.39	21	37.41	28	37.56	294
31	59.430	181	50.14	152	39.993	145	47.60	48	37.69	47	34.62	268
Apr. 10	59.611	234	48.62	113	40.138	182	48.08	77	38.16	63	31.94	232
20	59.845	282	47.49	69	40.320	219	48.85	105	38.79	77	29.62	187
30	60.127	322	46.80	21	40.539	250	49.90	132	39.56	89	27.75	137
Mai 10	60.449	356	46.59	27	40.789	278	51.22	156	40.45	98	26.38	82
20	60.805	379	46.86	76	41.067	299	52.78	176	41.43	104	25.56	23
30	61.184	392	47.62	121	41.366	313	54.54	192	42.47	107	25.33	34
Juni 9	61.576	395	48.83	165	41.679	318	56.46	203	43.54	107	25.67	92
19	61.971	389	50.48	203	41.997	315	58.49	209	44.61	104	26.59	146
29	62.360	371	52.51	236	42.312	305	60.58	208	45.65	98	28.05	198
Juli 9	62.731	344	54.87	263	42.617	286	62.66	204	46.63	91	30.03	243
19	63.075	311	57.50	284	42.903	261	64.70	194	47.54	80	32.46	284
29	63.386	271	60.34	300	43.164	230	66.64	179	48.34	69	35.30	317
Aug. 8	63.657	226	63.34	306	43.394	195	68.43	162	49.03	56	38.47	344
18	63.883	177	66.40	307	43.589	156	70.05	141	49.59	42	41.91	364
28	64.060	128	69.47	303	43.745	116	71.46	119	50.01	28	45.55	376
Sept. 7	64.188	78	72.50	293	43.861	77	72.65	95	50.29	13	49.31	381
16	14 64.266	32	75.43	276	15 43.938	40	73.60	72	15 50.42	2	53.12	378
26	64.298	13	78.19	255	43.978	4	74.32	48	50.40	16	56.90	366
Okt. 6	64.285	54	80.74	229	43.982	27	74.80	27	50.24	30	60.56	348
16	64.231	89	83.03	198	43.955	52	75.07	7	49.94	44	64.04	320
26	64.142	119	85.01	164	43.903	74	75.14	11	49.50	55	67.24	286
Nov. 5	64.023	145	86.65	125	43.829	90	75.03	28	48.95	66	70.10	244
15	63.878	163	87.90	83	43.739	101	74.75	43	48.29	75	72.54	194
25	63.715	178	88.73	40	43.638	108	74.32	54	47.54	82	74.48	140
Dez. 5	63.537	187	89.13	6	43.530	110	73.78	66	46.72	86	75.88	80
15	63.350	188	89.07	51	43.420	109	73.12	73	45.86	89	76.68	17
25	63.162	184	88.56	94	43.311	104	72.39	79	44.97	88	76.85	45
35	62.978		87.62		43.207		71.60		44.09		76.40	
Mittl. Ort	59.480		48.61		39.433		44.88		42.27		30.49	
sec δ, tg δ	1.365		+0.930		1.004		+0.092		4.540		+4.428	
a, *a′*	+2.9		+19.9		+3.1		+19.9		+2.5		+19.9	
b, *b′*	+0.06		+ 0.11		+0.01		+ 0.10		+0.29		+ 0.10	

Scheinbare Sternörter 1936

Tag	894) ω² Aquarii AR.		894) Dekl.		895) 41 H. Cephei AR.		895) Dekl.		896) Lac. δ Sculptoris AR.		896) Dekl.	
1936	23h 39m		−14° 53′		23h 44m		+67° 26′		23h 45m		−28° 28′	
	s		"		s		"		s		"	
Jan. 1	25.025	101	55.91	30	50.13	45	88.67	88	36.473	124	67.75	5
11	24.924	89	56.21	12	49.68	42	87.79	144	36.349	111	67.70	36
21	24.835	73	56.33	8	49.26	37	86.35	193	36.238	93	67.34	67
31	24.762	54	56.25	29	48.89	31	84.42	235	36.145	70	66.67	97
Febr. 10	24.708	29	55.96	52	48.58	23	82.07	266	36.075	45	65.70	125
20	24.679	2	55.44	74	48.35	14	79.41	287	36.030	14	64.45	152
März 1	24.677	29	54.70	97	48.21	5	76.54	296	36.016	19	62.93	176
11	24.706	65	53.73	120	48.16	7	73.58	292	36.035	57	61.17	199
21	24.771	101	52.53	142	48.23	17	70.66	276	36.092	97	59.18	217
31	24.872	141	51.11	162	48.40	27	67.90	250	36.189	138	57.01	232
Apr. 10	25.013	178	49.49	181	48.67	38	65.40	213	36.327	180	54.69	244
20	25.191	215	47.68	196	49.05	46	63.27	169	36.507	219	52.25	249
30	25.406	248	45.72	208	49.51	53	61.58	118	36.726	256	49.76	251
Mai 10	25.654	277	43.64	214	50.04	60	60.40	65	36.982	288	47.25	247
20	25.931	300	41.50	217	50.64	63	59.75	8	37.270	313	44.78	237
30	26.231	315	39.33	213	51.27	66	59.67	48	37.583	332	42.41	220
Juni 9	26.546	322	37.20	205	51.93	66	60.15	104	37.915	341	40.21	200
19	26.868	322	35.15	190	52.59	65	61.19	155	38.256	343	38.21	173
29	27.190	312	33.25	171	53.24	62	62.74	204	38.599	335	36.48	142
Juli 9	27.502	295	31.54	149	53.86	58	64.78	246	38.934	318	35.06	107
19	27.797	270	30.05	122	54.44	52	67.24	284	39.252	293	33.99	73
29	28.067	239	28.83	93	54.96	45	70.08	314	39.545	261	33.26	34
Aug. 8	28.306	204	27.90	63	55.41	38	73.22	338	39.806	223	32.92	4
18	28.510	163	27.27	32	55.79	30	76.60	355	40.029	181	32.96	41
28	28.673	122	26.95	2	56.09	21	80.15	364	40.210	136	33.37	73
Sept. 7	16 28.795	80	26.93	25	56.30	12	83.79	366	40.346	89	34.10	102
16*)	28.875	41	27.18	48	17 56.42	4	87.45	360	17 40.435	44	35.12	126
26	28.916	2	27.66	69	56.46	5	91.05	347	40.479	2	36.38	143
Okt. 6	28.918	31	28.35	83	56.41	13	94.52	327	40.481	37	37.81	153
16	28.887	59	29.18	94	56.28	20	97.79	299	40.444	70	39.34	156
26	28.828	82	30.12	99	56.08	26	100.78	265	40.374	97	40.90	152
Nov. 5	28.746	100	31.11	99	55.82	33	103.43	222	40.277	117	42.42	141
15	28.646	111	32.10	94	55.49	38	105.65	175	40.160	133	43.83	124
25	28.535	118	33.04	87	55.11	41	107.40	122	40.027	141	45.07	102
Dez. 5	28.417	119	33.91	74	54.70	45	108.62	64	39.886	143	46.09	76
15	28.298	117	34.65	60	54.25	45	109.26	6	39.743	141	46.85	48
25	28.181	111	35.25	44	53.80	46	109.32	54	39.602	135	47.33	16
35	28.070		35.69		53.34		108.78		39.467		47.49	
Mittl. Ort	24.287		56.11		50.21		64.13		35.695		63.72	
sec δ, tg δ	1.035		−0.266		2.608		+2.408		1.138		−0.543	
a, a′	+3.1		+20.0		+2.9		+20.0		+3.1		+20.0	
b, b′	−0.02		+ 0.09		+0.16		+ 0.07		−0.04		+ 0.06	

*) Bei Stern 895) und 896) lies Sept. 17

Tag	898) φ Pegasi AR.		898) φ Pegasi Dekl.		902) ω Piscium AR.		902) ω Piscium Dekl.		903) ε Tucanae AR.		903) ε Tucanae Dekl.	
1936	$23^h\ 49^m$		$+18^\circ\ 45'$		$23^h\ 56^m$		$+6^\circ\ 30'$		$23^h\ 56^m$		$-65^\circ\ 55'$	
	s		″		s		″		s		″	
Jan. 1	14.442	112	64.71	94	2.193	103	39.96	77	36.87	41	72.15	107
11	14.330	103	63.77	110	2.090	95	39.19	80	36.46	37	71.08	161
21	14.227	90	62.67	121	1.995	83	38.39	78	36.09	32	69.47	210
31	14.137	71	61.46	125	1.912	66	37.61	74	35.77	27	67.37	254
Febr. 10	14.066	46	60.21	125	1.846	45	36.87	64	35.50	20	64.83	291
20	14.020	18	58.96	117	1.801	18	36.23	51	35.30	14	61.92	320
März 1	14.002	17	57.79	106	1.783	13	35.72	33	35.16	5	58.72	343
11	14.019	55	56.73	85	1.796	47	35.39	13	35.11	2	55.29	357
21	14.074	95	55.88	59	1.843	86	35.26	13	35.13	10	51.72	364
31	14.169	138	55.29	31	1.929	126	35.39	40	35.23	18	48.08	363
Apr. 10	14.307	179	54.98	3	2.055	166	35.79	68	35.41	27	44.45	354
20	14.486	219	55.01	37	2.221	203	36.47	96	35.68	34	40.91	339
30	14.705	254	55.38	71	2.424	238	37.43	124	36.02	42	37.52	316
Mai 10	14.959	284	56.09	106	2.662	269	38.67	148	36.44	48	34.36	284
20	15.243	308	57.15	138	2.931	292	40.15	170	36.92	53	31.52	249
30	15.551	322	58.53	165	3.223	309	41.85	187	37.45	57	29.03	206
Juni 9	15.873	329	60.18	190	3.532	317	43.72	200	38.02	60	26.97	159
19	16.202	328	62.08	208	3.849	318	45.72	207	38.62	61	25.38	108
29	16.530	317	64.16	221	4.167	310	47.79	209	39.23	60	24.30	55
Juli 9	16.847	300	66.37	230	4.477	295	49.88	206	39.83	58	23.75	0
19	17.147	275	68.67	231	4.772	272	51.94	197	40.41	54	23.75	55
29	17.422	244	70.98	229	5.044	243	53.91	184	40.95	48	24.30	107
Aug. 8	17.666	209	73.27	220	5.287	210	55.75	168	41.43	42	25.37	156
18	17.875	170	75.47	209	5.497	173	57.43	148	41.85	33	26.93	198
28	18.045	130	77.56	193	5.670	135	58.91	126	42.18	25	28.91	235
Sept. 7	18.175	91	79.49	173	5.805	97	60.17	103	42.43	15	31.26	262
17	(18) 18.266	52	81.22	152	(20) 5.902	58	61.20	80	(20) 42.58	5	33.88	279
26	18.318	16	82.74	130	5.960	24	62.00	56	42.63	5	36.67	286
Okt. 6	18.334	16	84.04	105	5.984	8	62.56	34	42.58	14	39.53	281
16	18.318	45	85.09	81	5.976	36	62.90	15	42.44	23	42.34	264
26	18.273	68	85.90	56	5.940	59	63.05	5	42.21	30	44.98	237
Nov. 5	18.205	87	86.46	31	5.881	77	63.00	22	41.91	36	47.35	200
15	18.118	101	86.77	5	5.804	92	62.78	37	41.55	40	49.35	155
25	18.017	112	86.82	20	5.712	101	62.41	50	41.15	43	50.90	103
Dez. 5	17.905	119	86.62	43	5.611	108	61.91	61	40.72	45	51.93	47
15	17.786	120	86.19	65	5.503	110	61.30	70	40.27	44	52.40	12
25	17.666	119	85.54	86	5.393	108	60.60	77	39.83	43	52.28	69
35	17.547		84.68		5.285		59.83		39.40		51.59	
Mittl. Ort	13.734		52.89		1.400		32.30		36.15		60.03	
sec δ, tg δ	1.056		+0.340		1.007		+0.114		2.452		−2.239	
a, *a′*	+3.1		+20.0		+3.1		+20.0		+3.1		+20.0	
b, *b′*	+0.02		+ 0.05		+0.01		+ 0.02		−0.15		+ 0.01	

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^{m}.52$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder	Februar AR.	Februar Dekl.	Februar ☾ Glieder	März AR.	März Dekl.	März ☾ Glieder	April AR.	April Dekl.	April ☾ Glieder
	$0^{h}\ 59^{m}$	$+85^{\circ}\ 55'$	in $0^{s}.01$ | $0''.01$	$0^{h}\ 59^{m}$	$+85^{\circ}\ 55'$	in $0^{s}.01$ | $0''.01$	$0^{h}\ 59^{m}$	$+85^{\circ}\ 55'$	in $0^{s}.01$ | $0''.01$	$0^{h}\ 59^{m}$	$+85^{\circ}\ 54'$	in $0^{s}.01$ | $0''.01$
	s	"		s	"		s	"		s	"	
1	40.75	20.87	−10 −2	31.93	20.34	+5 −6	25.45	14.73	+10 0	22.89	65.57	+4 +11
2	40.47	20.95	−7 −6	31.66	20.22	+8 −3	25.28	14.47	+11 +4	22.90	65.26	0 +11
3	40.18	21.02	−3 −8	31.39	20.10	+10 +1	25.12	14.21	+9 +8	22.92	64.95	−4 +9
4	39.90	21.09	+1 −8	31.13	19.97	+10 +5	24.97	13.94	+6 +10	22.94	64.64	−7 +5
5	39.61	21.15	+6 −6	30.87	19.83	+8 +8	24.82	13.67	+2 +11	22.97	64.33	−8 +2
6	39.33	21.21	+9 −2	30.61	19.69	+5 +10	24.68	13.40	−2 +10	*)23.00	64.02	−8 −2
7	39.04	21.26	+11 +2	30.36	19.54	0 +10	24.54	13.12	−5 +7	23.04	63.71	−7 −6
8	38.75	21.30	+10 +6	30.11	19.39	−3 +8	24.41	12.84	−7 +3	23.08	63.40	−5 −9
9	38.46	21.33	+7 +9	29.86	19.23	−6 +5	24.28	12.55	−9 0	23.13	63.09	−1 −10
10	38.17	21.36	+3 +10	29.61	19.07	−8 +2	24.16	12.27	−8 −4	23.18	62.78	+2 −10
11	37.88	21.38	−1 +10	29.37	18.90	−9 −2	24.04	11.98	−6 −7	23.24	62.48	+5 −8
12	37.59	21.40	−5 +7	29.13	18.72	−8 −6	23.93	11.68	−4 −10	23.31	62.17	+7 −5
13	37.30	21.41	−7 +4	28.89	18.54	−6 −9	23.82	11.39	0 −11	23.38	61.87	+8 −1
14	37.01	21.41	−9 0	28.65	18.35	−2 −10	23.72	11.10	+3 −10	23.46	61.57	+6 +2
15	36.72	21.40	−8 −4	28.42	18.16	+1 −10	23.63	10.80	+6 −8	23.54	61.27	+3 +5
16	36.43	21.39	−7 −7	28.19	17.96	+4 −8	23.54	10.50	+7 −4	23.63	60.98	−1 +6
17	36.15	21.37	−4 −10	27.97	17.76	+7 −6	23.46	10.21	+7 0	23.73	60.68	−5 +6
18	35.86	21.35	−1 −11	27.75	17.55	+8 −2	23.38	9.91	+5 +4	23.83	60.39	−8 +3
19	35.57	21.32	+3 −10	27.53	17.34	+7 +2	23.31	9.60	+2 +6	23.94	60.10	−10 0
20	35.28	21.28	+6 −8	27.32	17.12	+4 +5	23.24	9.30	−2 +7	24.05	59.81	−9 −4
21	35.00	21.24	+8 −4	27.12	16.90	0 +7	23.18	8.99	−6 +5	24.17	59.53	−6 −7
22	34.71	21.19	+8 0	26.92	16.68	−4 +7	23.12	8.68	−9 +3	24.29	59.25	−1 −8
23	34.43	21.13	+6 +4	26.72	16.45	−7 +5	23.07	8.38	−9 −1	24.42	58.97	+4 −7
24	34.15	21.07	+3 +7	26.52	16.22	−9 +2	23.03	8.07	−8 −5	24.55	58.69	+8 −4
25	33.86	21.00	−1 +8	26.33	15.98	−9 −2	22.99	7.76	−4 −7	24.69	58.41	+10 0
26	33.58	20.93	−5 +7	26.15	15.74	−6 −5	22.96	7.45	+1 −7	24.83	58.14	+11 +5
27	33.30	20.85	−8 +4	25.97	15.49	−2 −7	22.93	7.14	+6 −5	24.98	57.87	+9 +9
28	33.02	20.76	−9 0	25.79	15.24	+3 −6	22.91	6.83	+9 −2	25.13	57.61	+6 +11
29	32.75	20.66	−8 −4	25.62	14.99	+7 −4	22.90	6.51	+11 +3	25.29	57.35	+2 +11
30	32.47	20.56	−5 −6	25.45	14.73	+10 0	22.89	6.20	+10 +7	25.45	57.09	−3 +10
31	32.20	20.45	0 −7				22.89	5.89	+8 +10	25.62	56.83	−6 +7
32	31.93	20.34	+5 −6				22.89	5.57	+4 +11			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
$+85^{\circ}\ 54'\ 50''$	14.034	+ 13.998	$+85^{\circ}\ 55'\ 0''$	14.043	+ 14.008	$+85^{\circ}\ 55'\ 20''$	14.063	+ 14.027
60	14.043	+ 14.008	10	14.053	+ 14.017	30	14.072	+ 14.037

$\alpha_{1936.0} = 0^{h}\ 59^{m}\ 37^{s}.65$ $\delta_{1936.0} = +85^{\circ}\ 54'\ 53''.68$

*) Tag der doppelten unteren Kulmination: April 6

Na) 43 Hev. Cephei $4^m.52$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder	Juni AR.	Juni Dekl.	Juni ☾ Glieder	Juli AR.	Juli Dekl.	Juli ☾ Glieder	August AR.	August Dekl.	August ☾ Glieder
	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ | $0''.01$	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ | $0''.01$	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ | $0''.01$	$0^h\,59^m$	$+85°\,54'$	in $0^s.01$ | $0''.01$
	s	"		s	"		s	"		s	"	
1	25.62	56.83	− 6 + 7	32.84	50.95	− 6 − 6	42.13	49.94	+ 2 − 9	51.73	54.03	+ 7 + 1
2	25.79	56.58	− 8 + 3	33.13	50.84	− 3 − 8	42.45	49.99	+ 5 − 7	52.02	54.24	+ 5 + 4
3	25.97	56.33	− 8 − 1	33.41	50.73	0 − 9	42.78	50.05	+ 7 − 5	52.30	54.46	+ 2 + 7
4	26.15	56.08	− 7 − 4	33.70	50.63	+ 3 − 8	43.10	50.11	+ 8 − 1	52.58	54.68	− 2 + 7
5	26.34	55.84	− 5 − 7	33.99	50.53	+ 6 − 7	43.42	50.18	+ 7 + 2	52.86	54.90	− 6 + 6
6	26.53	55.60	− 2 − 9	34.29	50.44	+ 8 − 4	43.74	50.26	+ 4 + 5	53.14	55.13	− 9 + 3
7	26.72	55.36	+ 1 − 9	34.59	50.35	+ 8 0	44.06	50.34	0 + 7	53.42	55.36	− 9 − 1
8	26.92	55.13	+ 4 − 8	34.89	50.27	+ 6 + 4	44.38	50.43	− 4 + 7	53.69	55.60	− 8 − 5
9	27.12	54.90	+ 7 − 6	35.19	50.19	+ 3 + 6	44.70	50.52	− 7 + 5	53.96	55.84	− 4 − 8
10	27.33	54.68	+ 8 − 2	35.49	50.12	− 1 + 7	45.02	50.61	− 9 + 1	54.22	56.08	0 − 8
11	27.54	54.46	+ 7 + 1	35.79	50.06	− 5 + 6	45.34	50.71	− 9 − 3	54.48	56.33	+ 5 − 6
12	27.76	54.25	+ 4 + 4	36.10	50.00	− 9 + 3	45.65	50.82	− 7 − 7	54.74	56.58	+ 9 − 3
13	27.98	54.04	+ 1 + 6	36.41	49.94	−10 − 1	45.97	50.93	− 3 − 8	55.00	56.84	+11 + 1
14	28.20	53.84	− 4 + 6	36.72	49.89	− 9 − 5	46.28	51.05	+ 2 − 8	55.26	57.10	+10 + 6
15	28.43	53.64	− 7 + 4	37.03	49.85	− 6 − 8	46.60	51.17	+ 6 − 6	55.51	57.37	+ 7 + 9
16	28.66	53.44	−10 + 1	37.34	49.82	− 1 − 9	46.91	51.30	+ 9 − 2	55.76	57.64	+ 3 +11
17	28.90	53.25	−10 − 3	37.66	49.79	+ 4 − 7	47.22	51.43	+10 + 3	56.01	57.91	− 1 +10
18	29.14	53.06	− 8 − 7	37.97	49.76	+ 8 − 4	47.53	51.57	+ 9 + 7	56.26	58.19	− 4 + 8
19	29.38	52.88	− 4 − 8	38.29	49.74	+10 0	47.84	51.71	+ 6 +10	56.50	58.47	− 7 + 5
20	29.63	52.70	+ 1 − 8	38.60	49.73	+10 + 5	48.15	51.86	+ 2 +11	56.74	58.76	− 8 + 1
21	29.88	52.52	+ 6 − 6	38.92	49.72	+ 8 + 9	48.45	52.01	− 2 +10	56.98	59.05	− 8 − 3
22	30.13	52.35	+ 9 − 2	39.24	49.72	+ 5 +11	48.76	52.17	− 5 + 7	57.21	59.34	− 6 − 6
23	30.39	52.19	+11 + 3	39.55	49.72	0 +11	49.06	52.33	− 8 + 4	57.44	59.63	− 4 − 8
24	30.65	52.03	+10 + 7	39.87	49.73	− 3 + 9	49.37	52.50	− 8 0	57.66	59.93	− 1 − 9
25	30.91	51.88	+ 7 +10	40.19	49.74	− 6 + 6	49.67	52.68	− 7 − 4	57.88	60.23	+ 2 − 9
26	31.18	51.73	+ 3 +11	40.51	49.76	− 8 + 2	49.97	52.86	− 5 − 7	58.10	60.54	+ 5 − 7
27	31.45	51.59	− 1 +11	40.84	49.79	− 8 − 2	50.27	53.04	− 3 − 9	58.32	60.85	+ 7 − 5
28	31.73	51.45	− 5 + 8	41.16	49.82	− 7 − 5	50.57	53.23	+ 1 − 9	58.53	61.16	+ 7 − 1
29	32.00	51.32	− 7 + 5	41.48	49.85	− 4 − 8	50.86	53.42	+ 4 − 8	58.74	61.47	+ 6 + 2
30	32.28	51.19	− 8 + 1	41.81	49.89	− 1 − 9	51.15	53.62	+ 6 − 6	58.94	61.79	+ 3 + 5
31	32.56	51.07	− 8 − 3	42.13	49.94	+ 2 − 9	51.44	53.82	+ 7 − 3	59.14	62.11	− 1 + 7
32	32.84	50.95	− 6 − 6				51.73	54.03	+ 7 + 1	59.34	62.43	− 5 + 6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
$+85°\,54'\,40''$	14.024	+ 13.989	$+85°\,54'\,50''$	14.034	+ 13.998	$+85°\,55'\,0''$	14.043	+ 14.008
50	14.034	+ 13.998	60	14.043	+ 14.008	10	14.053	+ 14.017

$\alpha_{1936.0} = 0^h\,59^m\,37^s.65$ $\delta_{1936.0} = +85°\,54'\,53''.68$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Na) 43 Hev. Cephei $4^m.52$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$0^h\,59^m$ s	$+85°\,55'$ ″	in $0.^s01$	in $0.''01$	$1^h\,0^m$ s	$+85°\,55'$ ″	in $0.^s01$	in $0.''01$	$0^h\,59^m$ s	$+85°\,55'$ ″	in $0.^s01$	in $0.''01$	$0^h\,59^m$ s	$+85°\,55'$ ″	in $0.^s01$	in $0.''01$
1	59.34	2.43	− 5	+ 6	3.43	13.13	− 9	− 2	63.40	25.09	+ 8	− 3	59.14	34.41	+ 9	+ 8
2	59.53	2.76	− 8	+ 4	3.50	13.51	− 7	− 6	63.32	25.45	+10	+ 1	58.94	34.66	+ 6	+11
3	59.72	3.09	− 9	0	3.57	13.89	− 4	− 8	63.24	25.80	+10	+ 6	58.73	34.91	+ 2	+12
4	59.91	3.42	− 9	− 3	3.63	14.26	+ 1	− 8	63.15	26.15	+ 8	+ 9	58.52	35.15	− 2	+11
5	60.09	3.75	− 6	− 6	3.69	14.64	+ 6	− 5	63.06	26.50	+ 5	+11	58.30	35.39	− 5	+ 8
6	60.27	4.09	− 2	− 8	{3.74 3.79	15.02 15.40	+ 9 +11	−1} +3}	62.96	26.84	+ 1	+11	58.08	35.62	− 7	+ 5
7	60.45	4.43	+ 3	− 7	3.83	15.78	+10	+ 7	62.86	27.18	− 3	+10	57.86	35.85	− 8	0
8	60.62	4.77	+ 8	− 4	3.87	16.16	+ 7	+10	62.76	27.52	− 6	+ 7	57.63	36.07	− 7	− 3
9	60.79	5.11	+10	0	3.90	16.54	+ 3	+12	62.65	27.86	− 8	+ 3	57.40	36.29	− 4	− 6
10	60.95	5.46	+10	+ 4	3.93	16.92	− 1	+11	62.54	28.20	− 7	− 1	57.17	36.50	− 2	− 8
11	61.11	5.81	+ 9	+ 8	3.96	17.30	− 5	+ 8	62.42	28.53	− 6	− 5	56.93	36.70	+ 1	− 8
12	61.27	6.16	+ 5	+11	3.98	17.68	− 7	+ 5	62.30	28.86	− 4	− 7	56.69	36.90	+ 4	− 7
13	61.42	6.51	+ 1	+11	4.00	18.06	− 8	+ 1	62.17	29.18	− 1	− 8	56.45	37.10	+ 6	− 5
14	61.57	6.86	− 3	+10	4.01	18.44	− 7	− 3	62.04	29.50	+ 2	− 8	56.21	37.29	+ 7	− 2
15	61.71	7.22	− 6	+ 7	4.01	18.82	− 5	− 6	61.90	29.82	+ 5	− 7	55.96	37.47	+ 7	+ 1
16	61.85	7.58	− 8	+ 3	4.01	19.20	− 3	− 8	61.76	30.14	+ 7	− 4	55.71	37.65	+ 5	+ 4
17	61.99	7.94	− 8	− 1	4.00	19.58	0	− 9	61.61	30.45	+ 7	− 1	55.46	37.82	+ 2	+ 6
18	62.12	8.31	− 7	− 5	3.99	19.95	+ 3	− 8	61.46	30.76	+ 6	+ 2	55.20	37.99	− 2	+ 6
19	62.25	8.67	− 5	− 7	3.98	20.33	+ 6	− 7	61.31	31.07	+ 4	+ 4	54.94	38.15	− 6	+ 4
20	62.37	9.04	− 2	− 9	3.96	20.70	+ 7	− 4	61.15	31.37	0	+ 5	54.68	38.30	− 9	+ 1
21	62.49	9.40	+ 1	− 9	3.94	21.08	+ 7	0	60.99	31.67	− 4	+ 5	54.42	38.45	−10	− 3
22	62.60	9.77	+ 4	− 8	3.92	21.45	+ 5	+ 2	60.82	31.96	− 8	+ 3	54.15	38.59	− 9	− 6
23	62.71	10.14	+ 6	− 6	3.89	21.82	+ 2	+ 5	60.65	32.25	−10	− 1	53.88	38.73	− 5	− 9
24	62.82	10.51	+ 7	− 3	3.86	22.19	− 2	+ 6	60.47	32.54	−10	− 4	53.61	38.86	− 1	−10
25	62.92	10.88	+ 6	+ 1	3.82	22.56	− 6	+ 4	60.29	32.82	− 7	− 8	53.34	38.98	+ 4	− 8
26	63.02	11.25	+ 4	+ 4	3.77	22.93	− 9	+ 2	60.11	33.09	− 3	− 9	53.07	39.10	+ 8	− 4
27	63.11	11.63	+ 1	+ 6	3.72	23.29	−10	− 2	59.92	33.36	+ 1	− 9	52.79	39.21	+10	+ 1
28	63.20	12.00	− 3	+ 6	3.66	23.66	− 9	− 5	59.73	33.63	+ 6	− 6	52.51	39.31	+ 9	+ 5
29	63.28	12.38	− 7	+ 4	3.60	24.02	− 6	− 8	59.54	33.90	+ 9	− 2	52.23	39.41	+ 7	+ 9
30	63.36	12.76	− 9	+ 1	3.54	24.38	− 1	− 9	59.34	34.16	+10	+ 3	51.95	39.50	+ 4	+11
31	63.43	13.13	− 9	− 2	3.47	24.74	+ 4	− 7	59.14	34.41	+ 9	+ 8	51.67	39.59	− 1	+11
32					3.40	25.09	+ 8	− 3					51.39	39.67	− 4	+ 9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 55′ 0″	14.043	+ 14.008	+85° 55′ 10″	14.053	+ 14.017	+85° 55′ 30″	14.072	+ 14.037
10	14.053	+ 14.017	20	14.063	+ 14.027	40	14.082	+ 14.046

$\alpha_{1936.0} = 0^h\ 59^m\ 37^s.65$ $\delta_{1936.0} = +85°\ 54'\ 53''.68$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^{m}.12$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder	
	$1^h\,40^m$ s	$+88°\,57'$ "	in 0.01 s	in 0.01 "	$1^h\,39^m$ s	$+88°\,57'$ "	in 0.01 s	in 0.01 "
1	40.05	58.47	−37	0	64.74	59.88	+16	−7
2	38.99	58.61	−29	−4	63.60	59.82	+30	−5
3	37.91	58.75	−13	−7	62.47	59.75	+39	−1
4	36.81	58.88	+5	−8	61.34	59.68	+40	+3
5	35.71	59.00	+22	−7	60.22	59.60	+32	+7
6	34.61	59.12	+35	−4	59.10	59.51	+19	+9
7	33.50	59.23	+40	0	57.99	59.42	+4	+10
8	32.38	59.34	+37	+5	56.89	59.32	−11	+9
9	31.26	59.44	+27	+8	55.80	59.22	−23	+7
10	30.13	59.53	+13	+10	54.71	59.11	−31	+3
11	29.00	59.61	−2	+10	53.64	58.99	−33	−1
12	27.86	59.69	−16	+8	52.57	58.87	−30	−5
13	26.72	59.76	−26	+5	51.51	58.74	−22	−8
14	25.57	59.83	−32	+2	50.46	58.61	−11	−10
15	24.42	59.89	−33	−2	49.43	58.47	+2	−11
16	23.27	59.94	−28	−6	48.40	58.32	+15	−10
17	22.11	59.99	−19	−9	47.39	58.17	+25	−7
18	20.96	60.03	−6	−11	46.38	58.01	+29	−3
19	19.80	60.06	+8	−11	45.39	57.85	+27	+1
20	18.64	60.08	+20	−9	44.41	57.68	+17	+5
21	17.47	60.10	+28	−5	43.45	57.51	+2	+7
22	16.31	60.11	+30	−1	42.49	57.33	−13	+8
23	15.14	60.12	+25	+3	41.55	57.14	−27	+6
24	13.98	60.12	+13	+7	40.63	56.95	−34	+3
25	12.82	60.11	−3	+9	39.72	56.76	−34	−1
26	11.65	60.10	−19	+8	38.82	56.56	−24	−4
27	10.49	60.08	−31	+6	37.94	56.35	−9	−7
28	9.34	60.05	−35	+2	37.07	56.14	+10	−7
29	8.18	60.02	−31	−2	36.22	55.92	+26	−5
30	7.03	59.98	−19	−6	35.39	55.70	+38	−2
31	5.88	59.93	−2	−7				
32	4.74	59.88	+16	−7				

Tag	März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$1^h\,39^m$ s	$+88°\,57'$ "	in 0.01 s	in 0.01 "	$1^h\,39^m$ s	$+88°\,57'$ "	in 0.01 s	in 0.01 "
1	35.39	55.70	+38	−2	19.10	47.18	+17	+11
2	34.57	55.48	+41	+2	18.91	46.87	+2	+11
3	33.77	55.25	+37	+6	18.75	46.56	−13	+9
4	32.99	55.02	+26	+9	18.61	46.25	−24	+6
5	32.23	54.78	+11	+10	18.50	45.94	−30	+3
6	31.48	54.54	−5	+10	18.41	45.62	−31	−1
7	30.75	54.29	−19	+8	18.34	45.31	−27	−5
8	30.04	54.04	−28	+5	18.29	45.00	−19	−8
9	29.35	53.79	−33	+1	18.27	44.69	−7	−10
10	28.68	53.53	−31	−3	18.26	44.37	+6	−10
11	28.02	53.27	−25	−7	18.28	44.06	+17	−9
12	27.39	53.01	−16	−9	18.33	43.74	+26	−6
13	26.77	52.74	−3	−11	18.39	43.43	+28	−3
14	26.18	52.47	+10	−10	18.48	43.12	+24	+1
15	25.61	52.20	+21	−9	18.59	42.81	+13	+4
16	25.05	51.92	+27	−5	*)18.73	42.50	−2	+7
17	24.52	51.64	+27	−1	18.88	42.19	−18	+7
18	24.00	51.36	+20	+3	19.06	41.88	−31	+5
19	23.51	51.08	+8	+6	19.26	41.57	−37	+1
20	23.04	50.79	−8	+7	19.48	41.26	−35	−3
21	22.59	50.50	−23	+6	19.72	40.96	−24	−6
22	22.16	50.21	−34	+4	19.98	40.65	−7	−8
23	21.75	49.92	−36	0	20.27	40.35	+12	−7
24	21.37	49.62	−30	−3	20.58	40.05	+28	−5
25	21.01	49.32	−16	−6	20.92	39.75	+39	−1
26	20.67	49.02	+2	−7	21.27	39.45	+42	+3
27	20.35	48.72	+20	−6	21.65	39.15	+36	+7
28	20.05	48.42	+35	−3	22.04	38.86	+23	+10
29	19.78	48.11	+42	+1	22.46	38.57	+9	+11
30	19.53	47.80	+40	+5	22.89	38.28	−7	+10
31	19.30	47.49	+31	+9	23.35	37.99	−20	+8
32	19.10	47.18	+17	+11				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 57′ 30″	55.007	+ 54.998	+88° 57′ 40″	55.154	+ 55.145	+88° 58′ 0″	55.451	+ 55.442
40	55.154	+ 55.145	50	55.302	+ 55.293	10	55.600	+ 55.591

$\alpha_{1936.0} = 1^h\ 40^m\ 13^s.27$ $\delta_{1936.0} = +88°\ 57'\ 31''.98$

*) Tag der doppelten unteren Kulmination: April 16

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^{m}.12$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder	Juni AR.	Juni Dekl.	Juni ☾ Glieder	Juli AR.	Juli Dekl.	Juli ☾ Glieder	August AR.	August Dekl.	August ☾ Glieder
	$1^h\,39^m$ s	+ 88° 57′ ″	in 0.01 s | 0.01″	$1^h\,39^m$ s	+ 88° 57′ ″	in 0.01 s | 0.01″	$1^h\,40^m$ s	+ 88° 57′ ″	in 0.01 s | 0.01″	$1^h\,40^m$ s	+ 88° 57′ ″	in 0.01 s | 0.01″
1	23.35	37.99	−20 + 8	46.54	30.71	−24 − 5	20.59	27.83	+ 5 − 9	59.24	29.90	+27 0
2	23.82	37.70	−28 + 5	47.53	30.54	−14 − 8	21.83	27.82	+17 − 8	60.45	30.05	+21 + 3
3	24.32	37.42	−31 + 1	48.54	30.38	− 2 − 9	23.07	27.81	+25 − 6	61.66	30.21	+ 9 + 6
4	24.84	37.14	−29 − 3	49.56	30.22	+10 − 9	24.32	27.81	+29 − 2	62.86	30.37	− 6 + 8
5	25.37	36.86	−21 − 7	50.59	30.07	+21 − 8	25.57	27.81	+27 + 1	64.05	30.53	−21 + 7
6	25.93	36.59	−10 − 9	51.63	29.92	+28 − 5	26.82	27.82	+17 + 5	65.24	30.70	−32 + 4
7	26.50	36.32	+ 2 −10	52.69	29.77	+28 − 1	28.07	27.83	+ 3 + 7	66.43	30.88	−36 0
8	27.10	36.05	+14 − 9	53.76	29.63	+23 + 3	29.32	27.85	−13 + 8	67.60	31.06	−31 − 4
9	27.71	35.78	+24 − 7	54.83	29.50	+12 + 6	30.58	27.87	−27 + 5	68.77	31.24	−17 − 7
10	28.34	35.52	+29 − 4	55.92	29.37	− 4 + 7	31.83	27.90	−35 + 2	69.94	31.43	0 − 8
11	29.00	35.26	+27 0	57.01	29.24	−20 + 7	33.09	27.94	−35 − 2	71.09	31.62	+17 − 7
12	29.67	35.01	+18 + 4	58.12	29.12	−32 + 4	34.34	27.98	−27 − 6	72.24	31.82	+31 − 4
13	30.36	34.76	+ 4 + 6	59.24	29.00	−38 0	35.60	28.03	−12 − 8	73.37	32.02	+39 0
14	31.07	34.51	−12 + 7	60.36	28.89	−34 − 4	36.86	28.08	+ 6 − 8	74.50	32.23	+38 + 4
15	31.79	34.26	−27 + 5	61.50	28.78	−22 − 7	38.11	28.14	+23 − 7	75.63	32.44	+29 + 8
16	32.53	34.02	−36 + 2	62.64	28.68	− 5 − 9	39.37	28.20	+35 − 3	76.74	32.65	+15 +10
17	33.29	33.78	−37 − 2	63.79	28.59	+14 − 8	40.63	28.27	+39 + 1	77.85	32.87	0 +10
18	34.07	33.55	−30 − 5	64.95	28.50	+29 − 5	41.89	28.34	+35 + 6	78.95	33.09	−15 + 9
19	34.86	33.32	−15 − 8	66.12	28.42	+38 − 1	43.15	28.42	+24 + 9	80.04	33.32	−25 + 6
20	35.67	33.09	+ 3 − 8	67.29	28.34	+39 + 3	44.40	28.50	+10 +11	81.12	33.55	−30 + 2
21	36.49	32.87	+21 − 7	68.47	28.27	+31 + 7	45.66	28.59	− 6 +10	82.19	33.79	−30 − 1
22	37.33	32.65	+35 − 3	69.66	28.20	+19 +10	46.91	28.68	−19 + 8	83.25	34.03	−25 − 5
23	38.19	32.44	+40 + 1	70.85	28.14	+ 4 +11	48.16	28.78	−28 + 5	84.31	34.27	−16 − 8
24	39.06	32.23	+38 + 5	72.05	28.08	−11 +10	49.41	28.88	−31 + 1	85.35	34.52	− 5 − 9
25	39.95	32.03	+28 + 9	73.25	28.03	−22 + 7	50.65	28.99	−28 − 3	86.39	34.77	+ 7 −10
26	40.85	31.83	+15 +11	74.46	27.98	−29 + 4	51.89	29.11	−22 − 6	87.41	35.03	+18 − 8
27	41.76	31.63	− 1 +11	75.68	27.94	−30 0	53.12	29.23	−12 − 9	88.42	35.29	+26 − 6
28	42.69	31.44	−15 + 9	76.90	27.90	−26 − 4	54.35	29.35	0 −10	89.42	35.55	+27 − 2
29	43.63	31.25	−25 + 6	78.13	27.87	−18 − 7	55.58	29.48	+12 − 9	90.41	35.82	+23 + 1
30	44.59	31.07	−30 + 2	79.36	27.85	− 7 − 9	56.80	29.61	+22 − 7	91.39	36.09	+13 + 5
31	45.56	30.89	−29 − 2	80.59	27.83	+ 5 − 9	58.02	29.75	+27 − 4	92.35	36.37	− 1 + 7
32	46.54	30.71	−24 − 5				59.24	29.90	+27 0	93.31	36.65	−16 + 7

δ	sec δ	tg δ	δ	sec δ	tg δ
+ 88° 57′ 20″	54.861	+ 54.852	+ 88° 57′ 30″	55.007	+ 54.998
30	55.007	+ 54.998	40	55.154	+ 55.145

$\alpha_{1936.0} = 1^h\,40^m\,13^s.27$ $\delta_{1936.0} = +88°\,57'\,31''.98$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nb) α Ursae minoris $2^m.12$

Tag	September AR.	September Dekl.	September ☾ Glieder	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	November AR.	November Dekl.	November ☾ Glieder	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder
	$1^h\,41^m$	+88° 57′	in 0.01s | 0.01″	$1^h\,41^m$	+88° 57′	in 0.01s | 0.01″	$1^h\,41^m$	+88° 57′	in 0.01s | 0.01″	$1^h\,41^m$	+88° 58′	in 0.01s | 0.01″
	s	″		s	″		s	″		s	″	
1	33.31	36.65	−16 + 7	55.70	46.41	−36 − 1	63.08	58.34	+29 − 5	52.19	8.59	+36 + 6
2	34.25	36.93	−29 + 5	56.21	46.78	−29 − 4	63.00	58.71	+39 − 1	51.54	8.89	+26 +10
3	35.18	37.22	−35 + 2	56.70	47.14	−15 − 7	62.90	59.08	+40 + 4	50.87	9.18	+10 +11
4	36.10	37.51	−33 − 2	57.17	47.51	+ 3 − 8	62.78	59.45	+33 + 8	50.18	9.47	− 4 +11
5	37.01	37.80	−23 − 5	57.63	47.87	+21 − 6	62.64	59.82	+20 +11	49.47	9.75	−18 + 9
6	37.90	38.10	− 7 − 7	58.07	48.24	+35 − 3	62.48	60.18	+ 4 +12	48.75	10.03	−26 + 6
7	38.79	38.40	+11 − 7	58.50	48.61	+41 + 1	62.30	60.55	−10 +10	48.01	10.31	−28 + 2
8	39.66	38.70	+28 − 5	58.90	48.97	+38 + 6	62.10	60.91	−22 + 8	47.25	10.58	−26 − 2
9	40.51	39.01	+38 − 2	59.29	49.34	+28 + 9	61.88	61.27	−29 + 4	46.48	10.84	−18 − 5
10	41.36	39.32	+40 + 3	59.66	49.71	+14 +11	61.64	61.63	−28 0	45.69	11.10	− 8 − 7
11	42.19	39.63	+35 + 7	60.01	50.08	− 2 +11	61.39	61.98	−24 − 4	44.89	11.36	+ 3 − 8
12	43.00	39.94	+22 +10	60.35	50.46	−16 + 9	61.11	62.34	−15 − 6	44.07	11.61	+14 − 8
13	43.80	40.26	+ 7 +11	60.67	50.83	−26 + 6	60.81	62.69	− 4 − 8	43.23	11.86	+23 − 6
14	44.59	40.58	− 9 +10	60.97	51.21	−29 + 2	60.49	63.04	+ 7 − 8	42.38	12.10	+27 − 3
15	45.36	40.91	−21 + 8	61.25	51.58	−28 − 2	60.16	63.39	+17 − 8	41.52	12.34	+26 0
16	46.12	41.24	−28 + 4	61.52	51.96	−22 − 5	59.80	63.74	+25 − 6	40.64	12.57	+20 + 3
17	46.86	41.57	−30 0	61.76 / 61.99	52.33 / 52.71	−12 − 8 / − 1 − 9	59.43	64.09	+27 − 3	39.75	12.80	+ 8 + 5
18	47.59	41.90	−27 − 4	62.19	53.08	+10 − 9	59.03	64.43	+23 + 1	38.84	13.03	− 7 + 6
19	48.31	42.23	−19 − 7	62.38	53.46	+21 − 8	58.62	64.77	+14 + 4	37.91	13.25	−22 + 5
20	49.01	42.57	− 8 − 9	62.55	53.84	+26 − 5	58.19	65.10	0 + 6	36.98	13.46	−33 + 3
21	49.70	42.91	+ 3 − 9	62.70	54.22	+26 − 2	57.73	65.43	−14 + 6	36.03	13.67	−37 − 1
22	50.37	43.25	+13 − 9	62.83	54.59	+21 + 2	57.26	65.76	−28 + 4	35.06	13.87	−33 − 5
23	51.03	43.60	+23 − 7	62.94	54.97	+ 9 + 5	56.77	66.09	−37 + 1	34.09	14.06	−21 − 8
24	51.67	43.94	+27 − 4	63.03	55.35	− 6 + 6	56.26	66.42	−37 − 3	33.10	14.25	− 4 − 9
25	52.29	44.29	+24 0	63.11	55.73	−21 + 5	55.73	66.74	−29 − 6	32.10	14.43	+14 − 8
26	52.90	44.64	+17 + 3	63.16	56.10	−33 + 3	55.19	67.06	−14 − 9	31.08	14.61	+28 − 5
27	53.49	44.99	+ 4 + 6	63.20	56.48	−38 0	54.62	67.37	+ 4 − 9	30.06	14.78	+37 − 1
28	54.07	45.34	−11 + 7	63.21	56.85	−34 − 4	54.04	67.68	+22 − 7	29.03	14.95	+37 + 4
29	54.63	45.69	−25 + 5	63.21	57.23	−22 − 7	53.44	67.99	+35 − 3	27.98	15.11	+29 + 8
30	55.17	46.05	−34 + 3	63.19	57.60	− 5 − 8	52.83	68.29	+39 + 1	26.93	15.26	+16 +11
31	55.70	46.41	−36 − 1	63.15	57.97	+13 − 8	52.19	68.59	+36 + 6	25.87	15.41	0 +11
32				63.08	58.34	+29 − 5				24.80	15.55	−14 +10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+88° 57′ 30″	55.007	+ 54.998	+88° 57′ 50″	55.302	+ 55.293	+88° 58′ 10″	55.600	+ 55.591
40	55.154	+ 55.145	60	55.451	+ 55.442	20	55.750	+ 55.741

$\alpha_{1936.0} = 1^h\ 40^m\ 13^s.27$ $\delta_{1936.0} = +88°\ 57'\ 31''.98$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nc) Grb 750 $6^m.70$

Tag	Januar			Februar			März			April		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$4^h\ 15^m$ s	$+85°\ 23'$ ″	in $0^s.01$ | $0''.01$	$4^h\ 15^m$ s	$+85°\ 23'$ ″	in $0^s.01$ | $0''.01$	$4^h\ 15^m$ s	$+85°\ 23'$ ″	in $0^s.01$ | $0''.01$	$4^h\ 15^m$ s	$+85°\ 23'$ ″	in $0^s.01$ | $0''.01$
1	59.90	18.14	− 7 + 6	54.76	25.00	− 1 − 8	47.66	26.62	+ 6 − 8	40.52	22.80	+10 + 6
2	59.79	18.42	− 8 + 1	54.54	25.14	+ 3 − 9	47.40	26.58	+ 9 − 5	40.33	22.59	+ 7 + 8
3	59.68	18.70	− 7 − 4	54.31	25.27	+ 7 − 7	47.15	26.54	+11 − 1	40.14	22.38	+ 3 +10
4	59.57	18.98	− 4 − 8	54.09	25.40	+10 − 4	46.90	26.49	+10 + 3	39.96	22.17	− 1 + 9
5	59.45	19.26	0 − 9	53.86	25.52	+10 + 1	46.64	26.44	+ 8 + 7	39.78	21.95	− 4 + 7
6	59.33	19.53	+ 5 − 9	53.63	25.64	+ 9 + 5	46.39	26.38	+ 5 + 9	39.61	21.73	− 7 + 4
7	59.21	19.80	+ 8 − 6	53.39	25.75	+ 7 + 8	46.14	26.31	+ 1 + 9	39.44	21.50	− 8 0
8	59.08	20.06	+10 − 2	53.15	25.86	+ 3 + 9	45.89	26.24	− 2 + 8	39.27	21.27	− 8 − 3
9	58.95	20.32	+10 + 2	52.91	25.96	− 1 + 9	45.65	26.16	− 6 + 6	39.11	21.04	− 7 − 7
10	58.81	20.57	+ 8 + 6	52.67	26.05	− 4 + 7	45.40	26.07	− 8 + 2	38.95	20.80	− 5 − 9
11	58.67	20.82	+ 5 + 8	52.43	26.14	− 7 + 5	45.15	25.98	− 9 − 1	38.79	20.56	− 2 −10
12	58.52	21.06	+ 2 + 9	52.18	26.22	− 9 + 1	44.91	25.88	− 9 − 5	38.64	20.31	+ 1 − 9
13	58.37	21.30	− 2 + 9	51.94	26.29	− 9 − 3	44.67	25.78	− 7 − 8	38.49	20.06	+ 4 − 7
14	58.21	21.54	− 5 + 6	51.69	26.36	− 8 − 7	44.43	25.67	− 4 −10	38.35	19.81	+ 5 − 3
15	58.05	21.77	− 8 + 3	51.45	26.42	− 6 − 9	44.19	25.56	− 1 −10	38.21	19.56	+ 5 + 2
16	57.89	22.00	− 9 0	51.20	26.48	− 3 −10	43.96	25.44	+ 2 − 8	38.08	19.30	+ 3 + 6
17	57.72	22.23	− 9 − 4	50.95	26.53	0 −10	43.72	25.31	+ 5 − 5	37.95	19.04	0 + 8
18	57.55	22.45	− 7 − 8	50.70	26.58	+ 4 − 7	43.49	25.18	+ 6 − 1	37.83	18.77	− 3 + 9
19	57.37	22.67	− 5 −10	50.45	26.62	+ 6 − 3	43.26	25.04	+ 5 + 4	37.71	18.50	− 7 + 7
20	57.19	22.88	− 1 −10	50.20	26.65	+ 6 + 1	43.03	24.90	+ 3 + 7	37.59	18.23	− 8 + 3
21	57.01	23.08	+ 2 − 9	49.94	26.67	+ 5 + 6	42.81	24.75	− 1 + 9	37.48	17.96	− 8 − 1
22	56.82	23.28	+ 5 − 5	49.69	26.69	+ 2 + 9	42.59	24.60	− 4 + 9	37.38	17.68	− 6 − 5
23	56.63	23.48	+ 7 − 1	49.44	26.70	− 1 +10	42.37	24.44	− 7 + 6	37.28	17.40	− 2 − 8
24	56.43	23.67	+ 6 + 4	49.19	26.71	− 5 + 8	42.15	24.28	− 8 + 2	37.18	17.12	+ 3 − 9
25	56.23	23.85	+ 4 + 8	48.93	26.71	− 7 + 5	41.94	24.11	− 7 − 2	37.08	16.84	+ 7 − 7
26	56.03	24.03	+ 1 +10	48.68	26.71	− 7 0	41.73	23.94	− 4 − 6	36.99	16.56	+10 − 4
27	55.83	24.21	− 3 +10	48.42	26.70	− 6 − 4	41.52	23.76	0 − 8	36.91	16.28	+11 0
28	55.62	24.38	− 6 + 7	48.17	26.68	− 2 − 7	41.31	23.58	+ 5 − 8	36.83	15.99	+11 + 4
29	55.41	24.54	− 7 + 3	47.91	26.65	+ 2 − 9	41.11	23.39	+ 9 − 6	36.76	15.70	+ 8 + 8
30	55.20	24.70	− 7 − 2	47.66	26.62	+ 6 − 8	40.91	23.20	+11 − 2	36.69	15.41	+ 5 +10
31	54.98	24.85	− 5 − 6				40.71	23.00	+11 + 2	36.62	15.11	+ 1 +10
32	54.76	25.00	− 1 − 8				40.52	22.80	+10 + 6			

δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 23′ 10″	12.432	+ 12.391	+85° 23′ 20″	12.439	+ 12.399
20	12.439	+ 12.399	30	12.446	+ 12.406

$\alpha_{1936.0} = 4^h\ 15^m\ 40^s.58$ $\delta_{1936.0} = +85°\ 23'\ 1''.99$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nc) Grb 750 $6^m.70$

Tag	Mai			Juni			Juli			August		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$4^h\ 15^m$ s	+ $85°\ 23'$ ″	in $0^s.01$ | $0''.01$	$4^h\ 15^m$ s	+ $85°\ 22'$ ″	in $0^s.01$ | $0''.01$	$4^h\ 15^m$ s	+ $85°\ 22'$ ″	in $0^s.01$ | $0''.01$	$4^h\ 15^m$ s	+ $85°\ 22'$ ″	in $0^s.01$ | $0''.01$
1	36.62	15.11	+ 1 +10	37.11	65.79	− 8 0	41.83	58.09	− 5 − 8	49.93	53.45	+ 5 − 4
2	36.56	14.82	− 3 + 8	37.21	65.50	− 7 − 4	42.05	57.88	− 2 − 9	50.22	53.37	+ 6 0
3	36.51	14.52	− 6 + 5	37.31	65.21	− 6 − 7	42.27	57.67	+ 1 − 9	50.52	53.29	+ 5 + 4
4	36.46	14.23	− 7 + 2	37.41	64.93	− 4 − 9	42.49	57.47	+ 4 − 6	50.82	53.22	+ 3 + 7
5	36.41	13.93	− 8 − 2	37.51	64.64	− 1 −10	42.72	57.27	+ 6 − 3	51.12	53.15	0 + 9
6	36.37	13.63	− 7 − 6	37.62	64.36	+ 2 − 8	42.95	57.07	+ 6 + 2	51.43	53.09	− 4 + 8
7	36.34	13.33	− 5 − 8	37.74	64.08	+ 5 − 5	43.19	56.88	+ 5 + 6	51.73	53.03	− 7 + 6
8	36.31	13.03	− 3 −10	37.86	63.80	+ 6 − 1	43.43	56.69	+ 2 + 8	52.04	52.98	− 8 + 2
9	36.29	12.72	0 −10	37.99	63.52	+ 6 + 3	43.67	56.50	− 2 + 9	52.35	52.93	− 7 − 3
10	36.27	12.42	+ 3 − 8	38.12	63.24	+ 3 + 7	43.91	56.32	− 5 + 8	52.65	52.89	− 5 − 7
11	36.25	12.11	+ 5 − 4	38.26	62.97	0 + 9	44.16	56.15	− 8 + 4	52.96	52.85	− 1 − 9
12	36.24	11.81	+ 6 0	38.40	62.70	− 4 + 9	44.41	55.98	− 8 0	53.27	52.81	+ 4 − 8
13	36.24	11.51	+ 5 + 4	38.54	62.43	− 7 + 6	44.66	55.81	− 7 − 5	53.58	52.78	+ 8 − 6
14	36.24	11.20	+ 2 + 7	38.69	62.16	− 9 + 2	44.92	55.64	− 4 − 8	53.89	52.76	+10 − 3
15	36.24	10.90	− 2 + 9	38.84	61.90	− 8 − 2	45.18	55.48	+ 1 − 9	54.20	52.74	+10 + 2
16	36.25	10.60	− 5 + 8	39.00	61.64	− 6 − 6	45.44	55.33	+ 5 − 8	54.52	52.73	+ 9 + 6
17	36.27	10.29	− 8 + 5	39.16	61.38	− 2 − 9	45.70	55.18	+ 8 − 5	54.84	52.72	+ 6 + 9
18	36.29	9.99	− 9 0	39.32	61.12	+ 2 − 9	45.97	55.03	+10 − 1	55.15	52.71	+ 3 +10
19	36.32	9.68	− 7 − 4	39.49	60.87	+ 7 − 7	46.24	54.89	+10 + 3	55.47	52.71	− 1 + 9
20	36.35	9.38	− 4 − 7	39.66	60.62	+10 − 4	46.51	54.75	+ 8 + 7	55.78	52.71	− 4 + 7
21	36.38	9.07	0 − 9	39.84	60.37	+11 + 1	46.78	54.62	+ 5 + 9	56.10	52.72	− 7 + 4
22	36.42	8.77	+ 5 − 8	40.02	60.13	+10 + 5	47.06	54.49	+ 1 +10	56.42	52.73	− 8 0
23	36.47	8.47	+ 9 − 5	40.21	59.89	+ 7 + 8	47.34	54.37	− 2 + 8	56.74	52.75	− 8 − 4
24	36.52	8.16	+11 − 1	40.40	59.65	+ 4 +10	47.62	54.25	− 5 + 6	57.05	52.78	− 7 − 7
25	36.58	7.86	+11 + 3	40.59	59.42	0 + 9	47.90	54.13	− 7 + 2	57.37	52.81	− 4 − 9
26	*)36.64	7.56	+ 9 + 8	40.79	59.19	− 3 + 8	48.18	54.02	− 8 − 2	57.69	52.84	− 2 −10
27	36.71	7.26	+ 6 + 9	40.99	58.96	− 6 + 5	48.47	53.91	− 7 − 5	58.01	52.88	+ 1 − 9
28	36.78	6.97	+ 3 +10	41.19	58.74	− 7 + 1	48.76	53.81	− 6 − 8	58.33	52.92	+ 4 − 6
29	36.86	6.67	− 1 + 9	41.40	58.52	− 8 − 3	49.05	53.71	− 3 − 9	58.64	52.97	+ 5 − 2
30	36.94	6.37	− 4 + 7	41.61	58.30	− 7 − 6	49.34	53.62	0 − 9	58.96	53.02	+ 5 + 2
31	37.02	6.08	− 7 + 3	41.83	58.09	− 5 − 8	49.63	53.53	+ 3 − 8	59.28	53.08	+ 4 + 6
32	37.11	5.79	− 8 0				49.93	53.45	+ 5 − 4	59.60	53.14	+ 1 + 8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 22′ 50″	12.417	+ 12.376	+85° 23′ 0″	12.424	+ 12.384	+85° 23′ 10″	12.432	+ 12.391
60	12.424	+ 12.384	10	12.432	+ 12.391	20	12.439	+ 12.399

$\alpha_{1936.0} = 4^h\ 15^m\ 40^s.58$ $\delta_{1936.0} = +85°\ 23'\ 1''.99$

*) Tag der doppelten unteren Kulmination: Mai 26

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nc) Grb 750 $6^m.70$

Tag	September AR.	September Dekl.	September ☾ Glieder	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	November AR.	November Dekl.	November ☾ Glieder	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder
	$4^h\,15^m$	+85° 22′	in $0^s.01$ | $0''.01$	$4^h\,16^m$	+85° 22′	in $0^s.01$ | $0''.01$	$4^h\,16^m$	+85° 23′	in $0^s.01$ | $0''.01$	$4^h\,16^m$	+85° 23′	in $0^s.01$ | $0''.01$
	s	"		s	"		s	"		s	"	
1	59.60	53.14	+ 1 + 8	8.71	57.04	− 7 + 5	16.16	4.74	− 2 − 8	19.98	14.68	+11 − 1
2	59.91	53.21	− 2 + 9	8.99	57.24	− 8 + 1	16.35	5.04	+ 3 − 9	20.03	15.01	+11 + 4
3	60.23	53.28	− 6 + 7	9.27	57.44	− 7 − 3	16.53	5.34	+ 7 − 7	20.07	15.34	+ 9 + 8
4	60.54	53.35	− 8 + 4	9.55	57.64	− 4 − 7	16.71	5.64	+10 − 3	20.11	15.67	+ 6 +10
5	60.86	53.43	− 8 − 1	9.82	57.85	+ 1 − 8	16.89	5.94	+11 + 1	20.14	16.01	+ 2 +10
6	61.18	53.52	− 6 − 5	10.09	58.06	+ 5 − 8	17.06	6.25	+10 + 6	20.17	16.34	− 2 + 9
7	61.49	53.61	− 2 − 8	10.36	58.28	+ 9 − 5	17.23	6.55	+ 8 + 9	20.19	16.67	− 4 + 6
8	61.81	53.71	+ 2 − 9	10.63	58.50	+11 − 1	17.39	6.86	+ 4 +10	20.21	17.00	− 6 + 2
9	62.12	53.81	+ 7 − 7	10.89	58.72	+11 + 3	17.55	7.17	0 +10	20.22	17.33	− 7 − 2
10	62.43	53.91	+10 − 4	11.15	58.95	+ 9 + 7	17.70	7.48	− 3 + 8	20.23	17.66	− 6 − 5
11	62.75	54.02	+11 0	11.41	59.18	+ 6 + 9	17.85	7.80	− 5 + 4	20.23	17.99	− 4 − 7
12	63.06	54.13	+10 + 4	11.67	59.41	+ 2 +10	18.00	8.11	− 7 + 1	20.23	18.31	− 2 − 9
13	63.37	54.24	+ 8 + 8	11.92	59.65	− 1 + 9	18.14	8.43	− 7 − 3	20.22	18.64	+ 1 − 8
14	63.68	54.36	+ 4 +10	12.17	59.89	− 4 + 6	18.28	8.75	− 6 − 6	20.21	18.97	+ 3 − 7
15	63.98	54.48	0 +10	12.42	60.13	− 6 + 3	18.41	9.07	− 4 − 8	20.19	19.29	+ 5 − 4
16	64.29	54.61	− 3 + 8	12.67	60.37	− 7 − 1	18.54	9.40	− 1 − 9	20.17	19.61	+ 6 0
17	64.60	54.74	− 6 + 5	12.91	60.62	− 7 − 4	18.66	9.72	+ 1 − 8	20.14	19.93	+ 5 + 3
18	64.90	54.88	− 7 + 1	13.15	60.87	− 6 − 7	18.78	10.04	+ 4 − 6	20.10	20.25	+ 2 + 7
19	65.21	55.02	− 8 − 2	13.39	61.13	− 3 − 9	18.90	10.37	+ 5 − 3	20.06	20.57	− 1 + 8
20	65.51	55.17	− 7 − 6	13.62	61.39	− 1 − 9	19.01	10.70	+ 5 + 1	20.02	20.88	− 5 + 7
21	65.81	55.32	− 5 − 8	13.85	61.65	+ 2 − 8	19.12	11.03	+ 3 + 5	19.97	21.19	− 8 + 5
22	66.11	55.47	− 3 − 9	14.08	61.92	+ 4 − 5	19.22	11.36	0 + 7	19.92	21.50	− 9 + 1
23	66.40	55.63	0 − 9	14.30	62.19	+ 5 − 2	19.32	11.69	− 3 + 8	19.86	21.81	− 9 − 3
24	66.70	55.79	+ 3 − 7	14.52	62.46	+ 4 + 2	19.41	12.02	− 6 + 7	19.80	22.11	− 6 − 7
25	66.99	55.96	+ 4 − 4	14.74	62.74	+ 2 + 6	{19.50 {19.58	12.35 12.68	− 9 + 3} − 9 − 1}	19.73	22.41	− 2 − 9
26	67.28	56.13	+ 5 0	14.95	63.02	− 1 + 8	19.66	13.02	− 8 − 5	19.66	22.71	+ 3 − 9
27	67.57	56.30	+ 4 + 4	15.16	63.30	− 4 + 8	19.73	13.35	− 4 − 8	19.58	23.01	+ 7 − 7
28	67.86	56.48	+ 2 + 7	15.37	63.58	− 7 + 6	19.80	13.68	0 − 9	19.49	23.31	+10 − 3
29	68.14	56.66	− 2 + 8	15.57	63.87	− 9 + 2	19.87	14.02	+ 5 − 8	19.40	23.60	+10 + 2
30	68.43	56.85	− 5 + 8	15.77	64.16	− 8 − 2	19.93	14.35	+ 9 − 5	19.31	23.89	+ 9 + 6
31	68.71	57.04	− 7 + 5	15.97	64.45	− 6 − 6	19.98	14.68	+11 − 1	19.21	24.18	+ 7 + 9
32				16.16	64.74	− 2 − 8				19.11	24.46	+ 3 +10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+85° 22′ 50″	12.417	+ 12.376	+85° 23′ 0″	12.424	+ 12.384	+85° 23′ 20″	12.439	+ 12.399
60	12.424	+ 12.384	10	12.432	+ 12.391	30	12.446	+ 12.406

$\alpha_{1936.0} = 4^h\ 15^m\ 40^s.58$ $\delta_{1936.0} = +85°\ 23'\ 1''.99$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^{m}.26$

Tag	Januar			Februar			März			April		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$7^h\ 11^m$ s	+ $87°\ 9'$ ″	in 0.01s | 0.01″	$7^h\ 11^m$ s	+ $87°\ 9'$ ″	in 0.01s | 0.01″	$7^h\ 11^m$ s	+ $87°\ 9'$ ″	in 0.01s | 0.01″	$7^h\ 11^m$ s	+ $87°\ 9'$ ″	in 0.01s | 0.01″
1	50.71	0.69	+ 2 +10	51.47	10.52	− 8 − 6	44.83	17.82	+ 1 −10	32.90	21.16	+17 − 2
2	50.87	0.99	− 4 + 9	51.35	10.82	− 3 −10	44.50	18.01	+ 7 −10	32.48	21.17	+15 + 2
3	51.02	1.29	− 9 + 6	51.22	11.11	+ 2 −11	44.17	18.19	+12 − 8	32.07	21.18	+12 + 6
4	51.17	1.59	−12 + 1	51.08	11.40	+ 8 −10	43.83	18.37	+15 − 4	31.65	21.18	+ 7 + 8
5	51.31	1.90	−11 − 4	50.93	11.69	+13 − 6	43.49	18.55	+15 0	31.23	21.18	+ 1 + 8
6	51.43	2.20	− 7 − 8	50.78	11.97	+15 − 3	43.14	18.72	+13 + 4	30.82	21.17	− 5 + 8
7	51.55	2.50	− 2 −10	50.62	12.26	+14 + 1	42.78	18.88	+ 9 + 7	30.40	21.15	−10 + 6
8	51.66	2.81	+ 4 −10	50.45	12.54	+12 + 5	42.42	19.04	+ 4 + 8	29.99	21.13	−13 + 3
9	51.76 51.85	3.12 3.43	+10 − 8 +14 − 5	50.27	12.82	+ 7 + 8	42.06	19.20	− 2 + 9	29.57	21.10	−15 − 1
10	51.94	3.74	+15 − 1	50.08	13.09	+ 2 + 9	41.69	19.35	− 7 + 8	29.16	21.07	−14 − 4
11	52.02	4.05	+14 + 3	49.88	13.36	− 4 + 9	41.32	19.49	−12 + 5	28.75	21.03	−11 − 6
12	52.08	4.36	+10 + 6	49.68	13.63	−10 + 7	40.95	19.63	−15 + 2	28.34	20.98	− 6 − 8
13	52.13	4.67	+ 5 + 8	49.47	13.90	−14 + 4	40.57	19.76	−16 − 2	27.93	20.93	− 1 − 8
14	52.17	4.99	− 1 + 9	49.25	14.16	−16 0	40.19	19.89	−14 − 5	27.52	20.87	+ 4 − 5
15	52.21	5.30	− 6 + 8	49.03	14.42	−15 − 3	39.80	20.01	−10 − 7	27.12	20.81	+ 8 − 2
16	52.24	5.61	−11 + 6	48.80	14.67	−13 − 6	39.41	20.13	− 5 − 8	26.72	20.74	+ 9 + 3
17	52.26	5.93	−14 + 3	48.56	14.92	− 8 − 8	39.02	20.24	+ 1 − 7	26.32	20.66	+ 8 + 7
18	52.27	6.24	−16 − 1	48.31	15.17	− 2 − 8	38.63	20.34	+ 6 − 4	25.92	20.58	+ 4 + 9
19	52.27	6.55	−14 − 4	48.06	15.41	+ 4 − 6	38.23	20.44	+ 9 0	25.52	20.49	− 2 +10
20	52.26	6.87	−10 − 7	47.80	15.65	+ 9 − 3	37.83	20.53	+10 + 4	25.13	20.40	− 7 + 8
21	52.24	7.18	− 5 − 8	47.53	15.88	+11 + 2	37.43	20.61	+ 7 + 8	24.74	20.30	−11 + 4
22	52.21	7.49	+ 2 − 8	47.25	16.11	+10 + 6	37.03	20.69	+ 3 +10	24.35	20.20	−11 0
23	52.18	7.80	+ 7 − 5	46.97	16.34	+ 7 + 9	36.62	20.76	− 2 + 9	23.96	20.09	− 9 − 5
24	52.14	8.10	+11 − 1	46.68	16.56	+ 1 +10	36.21	20.83	− 7 + 7	23.58	19.97	− 4 − 9
25	52.09	8.41	+12 + 3	46.39	16.78	− 4 + 8	35.80	20.89	−10 + 2	23.20	19.85	+ 2 −11
26	52.03	8.72	+10 + 7	46.09	17.00	− 8 + 5	35.39	20.95	−10 − 3	22.82	19.72	+ 9 −10
27	51.96	9.02	+ 5 + 9	45.78	17.21	−10 0	34.98	21.00	− 7 − 7	22.45	19.59	+14 − 7
28	51.88	9.33	− 1 + 9	45.47	17.42	− 9 − 5	34.57	21.04	− 1 −10	22.08	19.45	+16 − 4
29	51.79	9.63	− 6 + 7	45.15	17.62	− 5 − 8	34.15	21.08	+ 5 −11	21.72	19.31	+16 0
30	51.69	9.93	−10 + 3	44.83	17.82	+ 1 −10	33.73	21.11	+11 − 9	21.36	19.16	+14 + 4
31	51.58	10.23	−11 − 2				33.32	21.14	+15 − 6	21.01	19.01	+ 9 + 7
32	51.47	10.52	− 8 − 6				32.90	21.16	+17 − 2			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 9′ 0″	20.112	+ 20.087	+87° 9′ 10″	20.132	+ 20.107	+87° 9′ 20″	20.151	+ 20.126
10	20.132	+ 20.107	20	20.151	+ 20.126	30	20.171	+ 20.146

$\alpha_{1936.0} = 7^h\ 11^m\ 13^s.32$ $\delta_{1936.0} = +87°\ 9'\ 4''.58$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^m.26$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder in 0.01s	Mai ☾ Glieder in 0.01″	Juni AR.	Juni Dekl.	Juni ☾ Glieder in 0.01s	Juni ☾ Glieder in 0.01″	Juli AR.	Juli Dekl.	Juli ☾ Glieder in 0.01s	Juli ☾ Glieder in 0.01″	August AR.	August Dekl.	August ☾ Glieder in 0.01s	August ☾ Glieder in 0.01″
	$7^h 11^m$ s	+87° 9′ ″			$7^h 11^m$ s	+87° 9′ ″			$7^h 11^m$ s	+87° 8′ ″			$7^h 11^m$ s	+87° 8′ ″		
1	21.01	19.01	+ 9	+ 7	12.57	12.06	−10	+ 5	10.55	62.76	−13	− 4	15.37	52.86	+ 2	− 7
2	20.66	18.85	+ 4	+ 8	12.40	11.78	−13	+ 2	10.60	62.43	−10	− 6	15.63	52.56	+ 7	− 4
3	20.31	18.68	− 2	+ 8	12.23	11.49	−14	− 2	10.66	62.10	− 6	− 8	15.90	52.26	+10	0
4	19.97	18.51	− 7	+ 7	12.07	11.20	−12	− 5	10.72	61.77	− 1	− 8	16.17	51.96	+10	+ 4
5	19.63	18.34	−11	+ 4	11.92	10.91	− 9	− 7	10.79	61.45	+ 5	− 6	16.45	51.67	+ 8	+ 7
6	19.29	18.16	−14	+ 1	11.78	10.62	− 4	− 8	10.87	61.12	+ 9	− 3	16.74	51.38	+ 3	+ 9
7	18.96	17.98	−14	− 3	11.64	10.33	+ 1	− 7	10.95	60.79	+11	+ 1	17.03	51.09	− 3	+ 9
8	18.63	17.79	−12	− 6	11.51	10.03	+ 6	− 5	11.04	60.46	+10	+ 5	17.33	50.80	− 8	+ 7
9	18.31	17.60	− 8	− 8	11.39	9.73	+ 9	− 1	11.14	60.14	+ 6	+ 8	17.64	50.51	−11	+ 3
10	18.00	17.40	− 3	− 8	11.27	9.43	+10	+ 3	*)11.25	59.81	0	+10	17.95	50.23	−11	− 2
11	17.69	17.20	+ 3	− 6	11.16	9.13	+ 8	+ 7	11.37	59.49	− 6	+ 8	18.27	49.95	− 8	− 6
12	17.39	16.99	+ 7	− 3	11.06	8.82	+ 3	+ 9	11.49	59.16	−10	+ 5	18.59	49.67	− 3	− 9
13	17.09	16.78	+ 9	+ 1	10.97	8.52	− 3	+10	11.62	58.84	−12	+ 1	18.92	49.40	+ 3	−10
14	16.80	16.57	+ 9	+ 5	10.89	8.21	− 9	+ 8	11.75	58.51	−11	− 4	19.25	49.13	+ 9	− 9
15	16.51	16.35	+ 5	+ 8	10.81	7.90	−12	+ 4	11.89	58.19	− 7	− 8	19.59	48.86	+14	− 6
16	16.23	16.13	0	+10	10.74	7.59	−13	− 1	12.04	57.86	− 1	−10	19.94	48.59	+16	− 1
17	15.95	15.90	− 6	+ 9	10.67	7.27	−10	− 6	12.20	57.54	+ 6	−10	20.29	48.33	+15	+ 3
18	15.68	15.67	−10	+ 6	10.61	6.95	− 5	− 9	12.36	57.22	+11	− 8	20.65	48.07	+11	+ 6
19	15.41	15.44	−12	+ 2	10.56	6.64	+ 2	−10	12.53	56.90	+15	− 4	21.01	47.81	+ 6	+ 8
20	15.15	15.20	−11	− 3	10.52	6.32	+ 8	− 9	12.71	56.58	+16	0	21.37	47.56	+ 1	+ 8
21	14.90	14.96	− 7	− 7	10.49	6.00	+13	− 6	12.90	56.26	+14	+ 4	21.74	47.31	− 5	+ 7
22	14.66	14.71	− 1	−10	10.46	5.68	+16	− 2	13.09	55.95	+10	+ 7	22.12	47.06	−10	+ 5
23	14.42	14.46	+ 6	−10	10.44	5.36	+16	+ 2	13.29	55.63	+ 4	+ 8	22.50	46.81	−13	+ 2
24	14.19	14.21	+11	− 9	10.43	5.03	+13	+ 5	13.49	55.32	− 1	+ 8	22.88	46.57	−14	− 1
25	13.96	13.95	+15	− 5	10.43	4.71	+ 8	+ 7	13.70	55.00	− 7	+ 6	23.27	46.33	−13	− 4
26	13.74	13.69	+17	− 1	10.43	4.39	+ 2	+ 8	13.92	54.69	−11	+ 4	23.67	46.09	−10	− 6
27	13.53	13.43	+15	+ 3	10.44	4.06	− 3	+ 8	14.14	54.38	−13	+ 1	24.07	45.86	− 6	− 8
28	13.32	13.16	+11	+ 6	10.46	3.73	− 8	+ 6	14.37	54.07	−14	− 2	24.47	45.63	− 1	− 7
29	13.12	12.89	+ 6	+ 8	10.48	3.41	−12	+ 3	14.61	53.76	−12	− 5	24.88	45.40	+ 4	− 5
30	12.93	12.62	0	+ 8	10.51	3.08	−14	0	14.86	53.46	− 8	− 7	25.30	45.18	+ 8	− 2
31	12.75	12.34	− 5	+ 7	10.55	2.76	−13	− 4	15.11	53.16	− 3	− 8	25.72	44.96	+10	+ 2
32	12.57	12.06	−10	+ 5					15.37	52.86	+ 2	− 7	26.14	44.74	+ 8	+ 6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 8′ 40″	20.073	+ 20.048	+87° 8′ 50″	20.092	+ 20.068	+87° 9′ 10″	20.132	+ 20.107
50	20.092	+ 20.068	60	20.112	+ 20.087	20	20.151	+ 20.126

$\alpha_{1936.0} = 7^h\ 11^m\ 13^s.32$ $\delta_{1936.0} = +87°\ 9'\ 4''.58$

*) Tag der doppelten unteren Kulmination: Juli 10

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nd) 51 Hev. Cephei $5^m.26$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$7^h\,11^m$	+87° 8′	in $0^s.01$	in $0''.01$	$7^h\,11^m$	+87° 8′	in $0^s.01$	in $0''.01$	$7^h\,11^m$	+87° 8′	in $0^s.01$	in $0''.01$	$7^h\,12^m$	+87° 8′	in $0^s.01$	in $0''.01$
1	$26^s.14$	$44''.74$	+8	+6	$40^s.33$	$40''.11$	−5	+9	$56^s.25$	$39''.62$	−9	−6	$9^s.76$	$43''.67$	+6	−10
2	26.56	44.53	+5	+9	40.84	40.02	−9	+6	56.75	39.69	−4	−9	10.14	43.87	+12	−8
3	26.99	44.32	−1	+10	41.35	39.93	−11	+2	57.25	39.76	+3	−10	10.52	44.08	+16	−4
4	27.43	44.11	−6	+8	41.86	39.85	−10	−3	57.74	39.83	+10	−10	10.89	44.30	+17	0
5	27.87	43.91	−10	+4	42.38	39.77	−6	−7	58.23	39.91	+15	−7	11.25	44.52	+15	+4
6	28.31	43.71	−11	0	42.90	39.70	−1	−10	58.72	39.99	+17	−2	11.61	44.74	+11	+7
7	28.75	43.51	−9	−5	43.41	39.64	+6	−10	59.21	40.08	+17	+2	11.96	44.97	+5	+8
8	29.20	43.32	−5	−9	43.93	39.58	+12	−8	59.69	40.17	+14	+5	12.30	45.20	0	+7
9	29.65	43.14	+2	−10	44.44	39.52	+16	−5	60.17	40.27	+9	+7	12.64	45.43	−6	+6
10	30.11	42.96	+8	−10	44.96	39.47	+17	−1	60.65	40.37	+3	+8	12.97	45.67	−9	+3
11	30.57	42.78	+13	−7	45.48	39.43	+15	+3	61.12	40.48	−3	+7	13.29	45.91	−11	0
12	31.03	42.60	+16	−3	46.00	39.39	+11	+6	61.59	40.60	−8	+5	13.61	46.15	−12	−3
13	31.50	42.43	+16	+1	46.51	39.35	+6	+8	62.06	40.72	−11	+2	13.92	46.40	−10	−6
14	31.97	42.27	+13	+5	47.03	39.32	0	+8	62.53	40.84	−12	−1	14.22	46.65	−7	−7
15	32.44	42.11	+9	+7	47.55	39.30	−6	+7	62.99	40.97	−12	−4	14.52	46.91	−2	−8
16	32.91	41.95	+3	+8	48.07	39.28	−10	+4	63.45	41.10	−9	−6	14.81	47.17	+2	−7
17	33.39	41.80	−3	+8	48.58	39.26	−12	+1	63.90	41.24	−6	−7	15.09	47.43	+6	−4
18	33.87	41.65	−8	+6	49.10	39.25	−13	−2	64.35	41.38	−1	−7	15.36	47.69	+8	0
19	34.35	41.50	−11	+3	49.61	39.25	−12	−5	64.80	41.53	+3	−5	15.62	47.96	+8	+4
20	34.84	41.36	−13	0	50.13	39.25	−9	−7	65.24	41.68	+7	−2	15.88	48.23	+5	+7
21	35.33	41.22	−13	−3	50.64	39.25	−5	−8	65.68	41.84	+8	+2	16.13	48.50	+1	+9
22	35.82	41.09	−11	−5	51.16	39.26	0	−7	66.11	42.00	+7	+6	16.37	48.78	−5	+9
23	36.31	40.96	−8	−7	51.67	39.28	+4	−5	66.54	42.17	+3	+9	16.61	49.06	−10	+7
24	36.81	40.84	−3	−7	52.19	39.30	+7	−1	66.96	42.34	−2	+10	16.84	49.34	−13	+3
25	37.31	40.72	+2	−6	52.70	39.32	+8	+3	67.38	42.52	−7	+9	17.06	49.62	−13	−1
26	37.81	40.61	+6	−3	53.21	39.35	+6	+7	67.79	42.70	−12	+6	17.27	49.91	−10	−6
27	38.31	40.50	+8	+1	53.72	39.38	+2	+9	68.19	42.88	−13	+1	17.47	50.20	−5	−9
28	38.81	40.40	+8	+5	54.23	39.42	−4	+10	68.59	43.07	−12	−4	17.66	50.49	+2	−10
29	39.31	40.30	+5	+8	54.74	39.46	−9	+8	68.99	43.27	−7	−8	17.85	50.79	+9	−9
30	39.82	40.20	+1	+10	55.24	39.51	−12	+4	69.38	43.47	−1	−10	18.02	51.08	+14	−5
31	40.33	40.11	−5	+9	55.75	39.56	−12	−1	69.76	43.67	+6	−10	18.19	51.38	+16	−1
32					56.25	39.62	−9	−6					18.35	51.68	+16	+3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+87° 8′ 30″	20.053	+20.028	+87° 8′ 40″	20.073	+20.048	+87° 8′ 50″	20.092	+20.068
40	20.073	+20.048	50	20.092	+20.068	60	20.112	+20.087

$\alpha_{1936.0} = 7^h\ 11^m\ 13^s.32$ $\delta_{1936.0} = +87°\ 9'\ 4''.58$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^m.58$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in $0^s.01$	Januar ☾ Glieder in $0''.01$	Februar AR.	Februar Dekl.	Februar ☾ Glieder in $0^s.01$	Februar ☾ Glieder in $0''.01$	März AR.	März Dekl.	März ☾ Glieder in $0^s.01$	März ☾ Glieder in $0''.01$	April AR.	April Dekl.	April ☾ Glieder in $0^s.01$	April ☾ Glieder in $0''.01$
	$9^h\,28^m$	$+81°\,36'$			$9^h\,28^m$	$+81°\,36'$			$9^h\,28^m$	$+81°\,36'$			$9^h\,28^m$	$+81°\,36'$		
1	17.54	23.92	+3	+7	20.50	31.08	−4	+2	20.73	39.93	−2	−9	18.36	47.64	+5	−7
2	17.67	24.09	0	+9	20.55	31.36	−4	−2	20.69	40.21	0	−11	18.25	47.83	+6	−4
3	17.80	24.27	−2	+8	20.60	31.64	−3	−7	20.65	40.50	+3	−11	18.14	48.01	+5	0
4	17.93	24.45	−4	+5	20.65	31.93	−1	−10	20.60	40.79	+4	−9	18.03	48.19	+4	+4
5	18.06	24.63	−5	+1	20.69	32.21	+1	−11	20.56	41.07	+5	−6	17.91	48.36	+2	+7
6	18.18	24.82	−4	−4	20.73	32.50	+3	−10	20.51	41.35	+5	−2	17.79	48.53	0	+8
7	18.30	25.01	−3	−8	20.77	32.79	+5	−7	20.46	41.64	+5	+2	17.68	48.69	−2	+8
8	18.42	25.20	0	−10	20.80	33.08	+5	−4	20.40	41.92	+3	+6	17.56	48.85	−4	+7
9	18.54	25.40	+2	−11	20.83	33.38	+5	0	20.34	42.19	+1	+8	17.44	49.00	−5	+5
10	18.65	25.60	+4	−9	20.86	33.68	+4	+4	20.28	42.47	−1	+9	17.32	49.15	−6	+2
11	18.76	25.81	+5	−6	20.89	33.98	+2	+7	20.21	42.74	−3	+8	17.20	49.30	−5	−1
12	18.87	26.03	+5	−2	20.91	34.27	0	+9	20.15	43.01	−5	+7	17.07	49.44	−4	−4
13	18.98	26.25	+5	+1	20.93 20.95	34.57 34.87	−2 −4	+9 +8	20.08	43.27	−6	+4	16.95	49.57	−2	−6
14	19.08	26.47	+3	+5	20.96	35.17	−5	+6	20.01	43.53	−6	+1	16.82	49.70	0	−6
15	19.18	26.70	+1	+8	20.97	35.47	−6	+3	19.94	43.79	−5	−2	16.70	49.82	+2	−4
16	19.28	26.93	−1	+9	20.97	35.77	−6	0	19.86	44.05	−3	−5	16.57	49.94	+4	−1
17	19.38	27.16	−3	+9	20.97	36.07	−4	−4	19.79	44.30	−1	−6	16.44	50.05	+4	+3
18	19.47	27.40	−5	+7	20.97	36.37	−2	−6	19.71	44.55	+1	−6	16.31	50.16	+3	+6
19	19.56	27.64	−6	+5	20.97	36.67	0	−7	19.63	44.79	+3	−3	16.18	50.26	+1	+9
20	19.65	27.89	−6	+1	20.96	36.97	+3	−5	19.55	45.03	+4	0	16.05	50.36	−1	+9
21	19.74	28.14	−5	−2	20.95	37.27	+4	−3	19.46	45.27	+4	+4	15.92	50.45	−3	+7
22	19.82	28.40	−3	−5	20.94	37.57	+5	+1	19.37	45.50	+3	+7	15.79	50.53	−4	+3
23	19.90	28.66	−1	−7	20.92	37.87	+4	+5	19.28	45.73	+1	+9	15.65	50.61	−4	−1
24	19.98	28.92	+2	−7	20.90	38.17	+2	+7	19.18	45.96	−1	+8	15.52	50.69	−3	−6
25	20.06	29.18	+4	−5	20.88	38.46	0	+8	19.09	46.18	−3	+5	15.39	50.76	−1	−10
26	20.13	29.45	+5	−2	20.86	38.75	−2	+7	18.99	46.40	−4	+1	15.25	50.82	+1	−11
27	20.20	29.71	+5	+2	20.83	39.05	−4	+3	18.89	46.62	−4	−4	15.12	50.87	+3	−11
28	20.27	29.98	+4	+6	20.80	39.34	−4	−1	18.79	46.83	−2	−8	14.99	50.92	+5	−9
29	20.33	30.25	+2	+8	20.77	39.64	−3	−5	18.69	47.04	0	−11	14.85	50.97	+6	−5
30	20.39	30.52	−1	+8	20.73	39.93	−2	−9	18.58	47.24	+2	−11	14.72	51.01	+6	−1
31	20.45	30.80	−3	+6					18.47	47.44	+4	−10	14.58	51.04	+5	+2
32	20.50	31.08	−4	+2					18.36	47.64	+5	−7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 36′ 20″	6.850	+6.777	+81° 36′ 30″	6.852	+6.779	+81° 36′ 50″	6.857	+6.783
30	6.852	+6.779	40	6.854	+6.781	60	6.859	+6.786

$\alpha_{1936.0} = 9^h\ 28^m\ 7^s.24$ $\delta_{1936.0} = +81°\ 36'\ 42''.33$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^m.58$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$9^h 28^m$	+81° 36′	in $0^s.01$	in $0''.01$	$9^h 28^m$	+81° 36′	in $0^s.01$	in $0''.01$	$9^h 28^m$	+81° 36′	in $0^s.01$	in $0''.01$	$9^h 28^m$	+81° 36′	in $0^s.01$	in $0''.01$
1	14.58	51.04	+5	+2	10.59	49.29	−2	+7	7.81	43.02	−5	+2	6.78	33.42	0	−6
2	14.45	51.07	+3	+6	10.48	49.15	−4	+6	7.75	42.75	−5	−1	6.78	33.08	+2	−6
3	14.31	51.09	+1	+7	10.36	49.00	−5	+4	7.68	42.48	−4	−4	6.79	32.74	+4	−4
4	14.18	51.11	−1	+8	10.25	48.85	−5	0	7.62	42.21	−2	−6	6.80	32.40	+4	−1
5	14.04	51.12	−3	+7	10.14	48.69	−4	−3	7.56	41.93	0	−7	6.81	32.05	+4	+3
6	13.91	51.13	−5	+5	10.03	48.53	−3	−5	7.50	41.65	+3	−5	6.82	31.71	+3	+7
7	13.77	51.13	−5	+3	9.92	48.36	−1	−7	7.45	41.36	+4	−3	6.83	31.36	+1	+8
8	13.64	51.12	−5	0	9.81	48.19	+1	−6	7.40	41.07	+4	+1	6.85	31.02	−2	+8
9	13.51	51.11	−4	−3	9.70	48.01	+3	−4	7.35	40.77	+4	+5	6.87	30.67	−4	+6
10	13.37	51.09	−2	−6	9.60	47.83	+4	−1	7.30	40.48	+2	+8	6.89	30.32	−5	+2
11	13.24	51.07	0	−6	9.50	47.64	+4	+3	7.26	40.18	0	+9	6.92	29.97	−4	−2
12	13.10	51.04	+2	−5	9.40	47.45	+3	+7	7.21	39.88	−3	+8	6.94	29.63	−3	−7
13	12.97	51.00	+3	−2	9.30	47.25	+1	+9	7.17	39.58	−4	+5	*)6.97	29.28	−1	−10
14	12.84	50.96	+4	+1	9.20	47.05	−2	+9	7.13	39.27	−5	+1	7.00	28.93	+2	−11
15	12.71	50.91	+3	+5	9.10	46.85	−4	+7	7.09	38.97	−4	−4	7.03	28.58	+4	−9
16	12.57	50.86	+2	+8	9.01	46.64	−5	+3	7.05	38.66	−2	−8	7.06	28.23	+5	−7
17	12.44	50.80	0	+10	8.92	46.43	−5	−1	7.02	38.35	0	−10	7.09	27.88	+6	−3
18	12.31	50.74	−2	+9	8.83	46.21	−4	−6	6.99	38.04	+2	−10	7.13	27.53	+5	+1
19	12.18	50.67	−4	+6	8.74	45.99	−1	−9	6.96	37.72	+4	−9	7.18	27.18	+4	+4
20	12.05	50.59	−5	+1	8.65	45.76	+1	−11	6.94	37.40	+5	−6	7.22	26.83	+2	+7
21	11.92	50.51	−4	−3	8.57	45.53	+3	−10	6.91	37.08	+6	−2	7.26	26.48	0	+8
22	11.80	50.43	−2	−8	8.48	45.30	+5	−8	6.89	36.75	+5	+2	7.31	26.13	−2	+8
23	11.67	50.34	0	−11	8.40	45.06	+6	−4	6.87	36.43	+3	+5	7.36	25.78	−4	+7
24	11.55	50.24	+2	−11	8.32	44.82	+5	0	6.85	36.10	+1	+7	7.40	25.43	−5	+4
25	11.42	50.14	+4	−10	8.24	44.58	+4	+3	6.84	35.77	−1	+8	7.45	25.08	−5	+1
26	11.30	50.04	+6	−7	8.16	44.33	+2	+6	6.82	35.44	−3	+7	7.51	24.73	−5	−2
27	11.18	49.93	+6	−3	8.09	44.08	0	+7	6.81	35.11	−5	+6	7.57	24.38	−4	−4
28	11.06	49.81	+5	+1	8.02	43.82	−2	+8	6.80	34.77	−5	+3	7.63	24.03	−1	−6
29	10.94	49.69	+4	+4	7.95	43.56	−3	+7	6.79	34.44	−5	0	7.69	23.68	+1	−6
30	10.82	49.56	+2	+7	7.88	43.29	−5	+5	6.78	34.10	−4	−3	7.75	23.34	+3	−4
31	10.70	49.43	0	+8	7.81	43.02	−5	+2	6.78	33.76	−3	−5	7.82	22.99	+4	−1
32	10.59	49.29	−2	+7					6.78	33.42	0	−6	7.89	22.65	+4	+2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 36′ 20″	6.850	+6.777	+81° 36′ 30″	6.852	+6.779	+81° 36′ 50″	6.857	+6.783
30	6.852	+6.779	40	6.854	+6.781	60	6.859	+6.786

$\alpha_{1936.0} = 9^h\ 28^m\ 7^s.24$ $\qquad$ $\delta_{1936.0} = +81°\ 36'\ 42''.33$

*) Tag der doppelten unteren Kulmination: Aug. 13.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ne) 1 Hev. Draconis $4^{m}.58$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	
	$9^h 28^m$	$+81° 36'$	in $0^s.01$	in $0''.01$	$9^h 28^m$	$+81° 36'$	in $0^s.01$	in $0''.01$
1	7.89	22.65	+4	+2	10.83	13.06	0	+9
2	7.96	22.30	+3	+5	10.95	12.78	−2	+8
3	8.03	21.96	+2	+8	11.08	12.50	−4	+5
4	8.10	21.62	0	+9	11.21	12.23	−4	+1
5	8.18	21.28	−3	+7	11.34	11.96	−4	−4
6	8.26	20.94	−4	+3	11.47	11.69	−2	−8
7	8.34	20.60	−4	−1	11.61	11.42	0	−11
8	8.42	20.26	−3	−6	11.75	11.16	+3	−11
9	8.50	19.93	−2	−9	11.88	10.90	+4	−10
10	8.59	19.60	+1	−11	12.02	10.64	+6	−7
11	8.68	19.27	+3	−11	12.16	10.39	+6	−3
12	8.77	18.94	+5	−9	12.30	10.14	+5	+1
13	8.86	18.61	+6	−5	12.44	9.89	+4	+4
14	8.95	18.28	+6	−1	12.58	9.65	+2	+7
15	9.05	17.96	+5	+3	12.73	9.41	−1	+7
16	9.15	17.64	+3	+6	12.87	9.17	−3	+7
17	9.25	17.32	+1	+7	13.02	8.94	−4	+5
18	9.35	17.00	−1	+8	13.17	8.71	−5	+3
19	9.45	16.68	−3	+7	13.32	8.49	−5	0
20	9.56	16.36	−5	+5	13.48	8.27	−5	−2
21	9.66	16.05	−5	+2	13.63	8.06	−3	−4
22	9.77	15.74	−5	0	13.78	7.85	−1	−5
23	9.88	15.43	−4	−3	13.94	7.64	+1	−5
24	9.99	15.13	−2	−5	14.09	7.44	+3	−3
25	10.11	14.83	0	−6	14.25	7.24	+4	0
26	10.22	14.53	+1	−5	14.40	7.05	+4	+4
27	10.34	14.23	+3	−2	14.56	6.86	+3	+7
28	10.46	13.93	+4	+1	14.72	6.67	+1	+9
29	10.58	13.64	+3	+5	14.88	6.49	−1	+9
30	10.70	13.35	+2	+8	15.05	6.32	−3	+7
31	10.83	13.06	0	+9	15.21	6.15	−4	+3
32					15.37	5.98	−4	−1

Tag	November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$9^h 28^m$	$+81° 36'$	in $0^s.01$	in $0''.01$	$9^h 28^m$	$+81° 36'$	in $0^s.01$	in $0''.01$
1	15.37	5.98	−4	−1	20.47	3.46	0	−10
2	15.54	5.82	−3	−6	20.64	3.46	+3	−11
3	15.70	5.67	−1	−10	20.81	3.47	+5	−9
4	15.87	5.52	+1	−11	20.98	3.48	+6	−6
5	16.04	5.37	+4	−11	21.15	3.50	+6	−2
6	16.21	5.23	+6	−8	21.32	3.52	+5	+1
7	16.37	5.09	+6	−5	21.49	3.55	+3	+4
8	16.54	4.96	+6	−1	21.65	3.59	+1	+6
9	16.71	4.83	+5	+3	21.81	3.63	−1	+7
10	16.88	4.71	+2	+6	21.98	3.68	−3	+6
11	17.05	4.60	0	+7	22.14	3.73	−4	+4
12	17.22	4.49	−2	+7	22.30	3.79	−5	+2
13	17.39	4.39	−3	+6	22.46	3.86	−5	−1
14	17.56	4.29	−5	+4	22.62	3.93	−4	−4
15	17.73	4.19	−5	+1	22.78	4.01	−2	−5
16	17.90	4.10	−5	−2	22.93	4.09	0	−6
17	18.08	4.02	−4	−4	23.09	4.18	+1	−5
18	18.25	3.94	−2	−6	23.24	4.28	+3	−3
19	18.42	3.87	0	−6	23.39	4.38	+4	0
20	18.60	3.81	+2	−4	23.55	4.48	+3	+4
21	18.77	3.75	+3	−1	23.70	4.59	+2	+8
22	18.94	3.69	+4	+2	23.85	4.71	0	+10
23	19.11	3.64	+3	+6	24.00	4.83	−2	+10
24	19.28	3.60	+1	+9	24.14	4.95	−4	+7
25	19.45	3.56	−1	+10	24.29	5.08	−5	+4
26	19.62	3.53	−3	+9	24.43	5.22	−5	−1
27	19.79	3.50	−4	+6	24.57	5.36	−3	−6
28	19.96	3.48	−5	+1	24.71	5.51	−1	−9
29	20.13	3.47	−4	−4	24.84	5.67	+1	−10
30	20.30	3.46	−2	−8	24.98	5.83	+4	−10
31	20.47	3.46	0	−10	25.11	5.99	+6	−7
32					25.24	6.16	+6	−3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+81° 36′ 0″	6.845	+6.772	+81° 36′ 10″	6.848	+6.774	+81° 36′ 20″	6.850	+6.777
10	6.848	+6.774	20	6.850	+6.777	30	6.852	+6.779

$\alpha_{1936.0} = 9^h\ 28^m\ 7^s.24$ $\delta_{1936.0} = +81°\ 36'\ 42''.33$

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	10^h23^m	+82° 52′	in 0.01^s	in $0.01''$	10^h23^m	+82° 52′	in 0.01^s	in $0.01''$	10^h23^m	+82° 53′	in 0.01^s	in $0.01''$	10^h23^m	+82° 53′	in 0.01^s	in $0.01''$
1	$36^s.23$	$45''.86$	+4	+6	$40^s.58$	$51''.54$	−4	+4	$42^s.01$	$0''.21$	−3	−8	$40^s.28$	$9''.05$	+5	−9
2	36.40	45.96	+2	+8	40.68	51.79	−5	0	42.00	0.52	−1	−10	40.18	9.29	+6	−6
3	36.57	46.07	−1	+8	40.77	52.05	−5	−5	41.99	0.82	+1	−11	40.07	9.53	+6	−2
4	36.74	46.19	−4	+6	40.86	52.31	−3	−8	41.97	1.13	+4	−10	39.96	9.77	+5	+2
5	36.91	46.31	−5	+3	40.95	52.58	0	−10	41.95	1.43	+5	−7	39.85	10.00	+3	+5
6	37.08	46.44	−5	−2	41.03	52.85	+2	−11	41.93	1.74	+6	−4	39.74	10.23	+1	+8
7	37.25	46.57	−4	−6	41.11	53.12	+4	−9	41.91	2.04	+6	0	39.62	10.45	−1	+9
8	37.41	46.71	−2	−9	41.19	53.39	+5	−6	41.88	2.35	+4	+4	39.50	10.67	−4	+8
9	37.57	46.85	+1	−11	41.26	53.67	+6	−2	41.85	2.65	+2	+7	39.38	10.88	−5	+7
10	37.73	47.00	+3	−10	41.33	53.95	+5	+2	41.82	2.95	0	+9	39.26	11.09	−6	+4
11	37.89	47.16	+5	−8	41.40	54.23	+3	+5	41.78	3.25	−2	+9	39.14	11.30	−6	+1
12	38.05	47.32	+6	−4	41.46	54.52	+1	+8	41.74	3.55	−4	+8	39.01	11.50	−5	−2
13	38.20	47.48	+6	−1	41.52	54.80	−1	+9	41.70	3.85	−6	+6	38.88	11.70	−3	−5
14	38.35	47.65	+4	+3	41.58	55.09	−3	+9	41.65	4.14	−7	+3	38.75	11.89	0	−6
15	38.49	47.83	+3	+6	41.63	55.38	−5	+8	41.60	4.44	−6	0	38.62	12.08	+2	−5
16	38.64	48.01	0	+9	41.68	55.67	−6	+5	41.55	4.73	−4	−3	38.49	12.26	+4	−3
17	38.78	48.20	−2	+9	41.73	55.96	−6	+2	41.49	5.02	−2	−5	38.36	12.44	+5	+1
18	38.92	48.39	−4	+9	41.77	56.26	−5	−2	41.43	5.31	+1	−6	38.22	12.61	+5	+5
19	39.06	48.59	−6	+7	41.81	56.56	−3	−5	41.36	5.59	+3	−4	38.08	12.78	+3	+8
20	39.19	48.79	−7	+4	41.85	56.86	0	−6	41.29	5.87	+5	−2	37.94	12.94	0	+9
21	39.32	49.00	−6	0	41.88	57.16	+2	−6	41.22	6.15	+5	+2	37.80	13.10	−2	+8
22	39.45	49.21	−4	−3	41.91	57.46	+5	−4	41.15	6.43	+4	+5	37.66	13.25	−4	+5
23	39.58	49.43	−2	−6	41.93	57.76	+6	−1	41.08	6.71	+2	+7	37.51	13.40	−5	+1
24	39.70	49.65	+1	−7	41.95	58.07	+5	+3	41.00	6.98	0	+8	37.37	13.55	−4	−4
25	39.82	49.87	+4	−6	41.97	58.37	+4	+6	40.92	7.25	−3	+6	37.23	13.69	−3	−9
26	39.94	50.10	+5	−4	41.99	58.67	+1	+7	40.84	7.52	−4	+3	37.08	13.82	0	−11
27	40.05	50.33	+6	0	42.00 42.01	58.98 59.29	−1 −4	+7 +5	40.75	7.78	−5	−2	36.93	13.95	+2	−12
28	40.16	50.56	+5	+4	42.01	59.60	−5	+1	40.66	8.04	−4	−6	36.78	14.07	+5	−10
29	40.27	50.80	+3	+7	42.01	59.91	−5	−3	40.57	8.30	−2	−10	36.63	14.19	+6	−7
30	40.38	51.04	0	+8	42.01	60.21	−3	−8	40.48	8.55	+1	−11	36.48	14.30	+6	−4
31	40.48	51.29	−3	+7					40.38	8.80	+3	−11	36.33	14.41	+5	0
32	40.58	51.54	−4	+4					40.28	9.05	+5	−9				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 52′ 40″	8.065	+8.003	+82° 52′ 50″	8.069	+8.006	+82° 53′ 10″	8.075	+8.013
50	8.069	+8.006	60	8.072	+8.009	20	8.078	+8.016

$\alpha_{1936.0} = 10^h\ 23^m\ 26^s.95$ $\delta_{1936.0} = +82°\ 53'\ 8''.58$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nf) 30 Hev. Camelopardalis $5^{m}.34$

Tag	Mai		☾ Glieder		Juni		☾ Glieder		Juli		☾ Glieder		August		☾ Glieder	
	AR.	Dekl.	in		AR.	Dekl.	in		AR.	Dekl.	in		AR.	Dekl.	in	
	10^h23^m	+82° 53′	$0^s.01$	$0''.01$	10^h23^m	+82° 53′	$0^s.01$	$0''.01$	10^h23^m	+82° 53′	$0^s.01$	$0''.01$	10^h23^m	+82° 52′	$0^s.01$	$0''.01$
1	s 36.33	" 14.41	+5	0	s 31.42	" 14.87	−2	+ 8	s 27.32	" 10.31	−6	+ 4	s 24.79	" 61.58	−1	− 6
2	36.18	14.51	+4	+ 4	31.27	14.80	−4	+ 7	27.21	10.08	−6	+ 1	24.74	61.25	+1	− 6
3	36.02	14.60	+2	+ 7	31.11	14.72	−5	+ 5	27.10	9.85	−5	− 2	24.70	60.92	+3	− 5
4	35.87	14.69	0	+ 8	30.96	14.63	−6	+ 3	26.99	9.62	−3	− 5	24.66	60.58	+5	− 2
5	35.72	14.77	−3	+ 8	30.81	14.54	−5	− 1	26.88	9.38	0	− 7	24.62	60.24	+5	+ 1
6	35.56	14.85	−5	+ 7	30.66	14.44	−4	− 3	26.77	9.14	+2	− 6	24.59	59.90	+4	+ 5
7	35.40	14.92	−6	+ 5	30.51	14.33	−2	− 6	26.67	8.89	+4	− 4	24.56	59.56	+2	+ 7
8	35.24	14.99	−6	+ 2	30.36	14.22	+1	− 6	26.57	8.64	+5	− 1	24.53	59.22	−1	+ 8
9	35.08	15.05	−5	− 1	30.22	14.10	+3	− 5	26.47	8.38	+5	+ 3	24.50	58.87	−3	+ 7
10	34.92	15.11	−3	− 4	30.07	13.98	+5	− 2	26.37	8.12	+3	+ 7	24.47	58.52	−5	+ 4
11	34.76	15.16	−1	− 6	29.92	13.86	+5	+ 1	26.28	7.86	+1	+ 9	24.45	58.17	−5	− 1
12	34.60	15.20	+2	− 6	29.78	13.73	+4	+ 5	26.19	7.59	−2	+ 9	24.43	57.82	−4	− 5
13	34.44	15.24	+4	− 4	29.64	13.59	+2	+ 8	26.10	7.32	−4	+ 6	24.41	57.47	−2	− 9
14	34.28	15.27	+5	− 1	29.50	13.45	−1	+ 9	26.01	7.05	−5	+ 2	24.40	57.12	+1	−11
15	34.12	15.30	+5	+ 3	29.36	13.31	−3	+ 8	25.92	6.77	−5	− 2	24.39	56.76	+3	−11
16	33.96	15.32	+3	+ 7	29.22	13.16	−5	+ 5	25.83	6.49	−4	− 6	24.38	56.40	+5	− 8
17	33.80	15.33	+1	+ 9	29.08	13.00	−6	+ 1	25.75	6.20	−1	− 9	24.37	56.04	+6	− 5
18	33.64	15.34	−1	+ 9	28.94	12.84	−5	− 4	25.67	5.91	+1	−11	24.36	55.69	+6	− 1
19	33.48	15.34	−4	+ 7	28.80	12.67	−3	− 8	25.59	5.62	+4	−10	24.36	55.33	+5	+ 2
20	33.32	15.34	−5	+ 3	28.67	12.50	0	−10	25.52	5.33	+5	− 7	24.36	54.97	+3	+ 5
21	33.16	15.33	−5	− 2	28.54	12.33	+2	−11	25.45	5.03	+6	− 4	24.36	54.61	+1	+ 7
22	33.00	15.32	−4	− 6	28.41	12.15	+5	− 9	25.38	4.73	+5	0	24.37	54.25	−1	+ 8
23	32.84	15.30	−1	−10	28.28	11.96	+6	− 6	25.31	4.43	+4	+ 4	24.38	53.88	−4	+ 8
24	32.68	15.28	+1	−11	28.16	11.77	+6	− 3	25.24	4.12	+2	+ 6	24.39	53.52	−5	+ 6
25	32.52	15.25	+4	−11	28.03	11.58	+5	+ 1	25.17	3.81	0	+ 8	24.40	53.16	−6	+ 4
26	32.37	15.21	+5	− 9	27.91	11.38	+4	+ 4	25.11	3.50	−2	+ 8	24.42	52.79	−6	+ 1
27	32.21	15.17	+6	− 5	27.79	11.17	+1	+ 7	25.05	3.19	−4	+ 7	*)24.44	52.42	−5	− 2
28	32.05	15.12	+6	− 1	27.67	10.96	−1	+ 8	24.99	2.87	−6	+ 5	24.46	52.06	−3	− 5
29	31.89	15.07	+5	+ 2	27.55	10.75	−3	+ 8	24.93	2.55	−6	+ 2	24.48	51.69	0	− 6
30	31.73	15.01	+3	+ 5	27.43	10.53	−5	+ 6	24.88	2.23	−5	− 1	24.51	51.32	+2	− 5
31	31.57	14.94	0	+ 7	27.32	10.31	−6	+ 4	24.83	1.91	−4	− 4	24.54	50.95	+4	− 3
32	31.42	14.87	−2	+ 8					24.79	1.58	−1	− 6	24.57	50.59	+5	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 52′ 50″	8.069	+8.006	+82° 53′ 0″	8.072	+8.009	+82° 53′ 10″	8.075	+8.013
60	8.072	+8.009	10	8.075	+8.013	20	8.078	+8.016

$\alpha_{1936.0} = 10^h\ 23^m\ 26^s.95$ $\delta_{1936.0} = +82°\ 53'\ 8''.58$

*) Tag der doppelten unteren Kulmination: Aug. 27.

Nf) 30 Hev. Camelopardalis $5^m.34$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$10^h 23^m$	$+82° 52'$	in $0^s.01$	in $0''.01$	$10^h 23^m$	$+82° 52'$	in $0^s.01$	in $0''.01$	$10^h 23^m$	$+82° 52'$	in $0^s.01$	in $0''.01$	$10^h 23^m$	$+82° 52'$	in $0^s.01$	in $0''.01$
1	$24^s.57$	$50''.59$	+5	0	$26^s.65$	$39''.82$	+1	+8	$30^s.94$	$30''.70$	−5	0	$36^s.47$	$25''.82$	−1	−10
2	24.60	50.22	+5	+4	26.76	39.48	−1	+8	31.11	30.47	−4	−5	36.67	25.74	+2	−11
3	24.64	49.85	+3	+7	26.87	39.14	−3	+6	31.28	30.24	−2	−9	36.86	25.67	+4	−11
4	24.68	49.48	+1	+8	26.98	38.81	−5	+3	31.45	30.01	0	−11	37.06	25.60	+6	−8
5	24.72	49.11	−2	+7	27.09	38.48	−5	−2	31.62	29.79	+3	−12	37.26	25.54	+6	−5
6	24.76	48.74	−4	+5	27.21	38.15	−4	−7	31.80	29.57	+5	−10	37.45	25.49	+6	−1
7	24.81	48.38	−5	+1	27.33	37.82	−1	−10	31.97	29.36	+6	−7	37.65	25.44	+4	+3
8	24.86	48.01	−5	−4	27.45	37.50	+1	−12	32.15	29.15	+6	−3	37.84	25.40	+2	+5
9	24.91	47.64	−3	−8	27.57	37.18	+4	−11	32.33	28.95	+5	+1	38.03	25.36	0	+7
10	24.96	47.28	−1	−10	27.70	36.87	+6	−9	32.50	28.75	+4	+4	38.23	25.33	−2	+7
11	25.02	46.91	+2	−11	27.82	36.55	+6	−5	32.68	28.56	+1	+6	38.42	25.31	−4	+6
12	25.08	46.54	+4	−10	27.95	36.24	+6	−1	32.86	28.37	−1	+7	38.61	25.29	−5	+4
13	25.14	46.18	+6	−7	28.08	35.93	+5	+3	33.04	28.19	−3	+7	38.81	25.28	−5	+1
14	25.20	45.81	+6	−3	28.21	35.62	+3	+5	33.23	28.01	−5	+5	39.00	25.27	−5	−2
15	25.27	45.45	+5	+1	28.35	35.32	0	+7	33.41	27.84	−5	+3	39.20	25.27	−3	−4
16	25.34	45.09	+4	+4	28.49	35.02	−2	+7	33.60	27.67	−5	0	39.39	25.28	−1	−6
17	25.41	44.73	+2	+7	28.63	34.72	−4	+7	33.79	27.51	−4	−2	39.58	25.30	+1	−6
18	25.48	44.37	−1	+8	28.77	34.43	−5	+5	33.97	27.35	−3	−4	39.77	25.32	+3	−4
19	25.55	44.01	−3	+8	28.91	34.14	−6	+3	34.16	27.20	−1	−5	39.96	25.34	+4	−1
20	25.63	43.65	−5	+7	29.06	33.85	−6	0	34.35	27.05	+2	−5	40.15	25.37	+4	+2
21	25.71	43.29	−6	+5	29.20	33.57	−4	−3	34.54	26.91	+3	−3	40.33	25.41	+3	+6
22	25.79	42.94	−6	+2	29.35	33.29	−2	−5	34.73	26.78	+4	+1	40.52	25.45	+1	+9
23	25.88	42.59	−5	−1	29.50	33.01	0	−5	34.92	26.65	+4	+4	40.71	25.50	−1	+10
24	25.97	42.23	−4	−3	29.65	32.74	+2	−4	35.12	26.52	+3	+8	40.89	25.56	−4	+9
25	26.06	41.88	−1	−5	29.81	32.47	+4	−1	35.31	26.40	0	+10	41.08	25.62	−5	+5
26	26.15	41.53	+1	−5	29.96	32.20	+5	+2	35.51	26.29	−2	+9	41.26	25.69	−6	+1
27	26.24	41.18	+3	−3	30.12	31.94	+4	+6	35.70	26.18	−4	+7	41.44	25.77	−4	−4
28	26.34	40.84	+5	0	30.28	31.69	+2	+8	35.89	26.08	−5	+3	41.62	25.85	−2	−8
29	26.44	40.50	+5	+3	30.44	31.44	0	+9	36.09	25.99	−5	−2	41.79	25.94	0	−10
30	26.54	40.16	+3	+6	30.61	31.19	−3	+8	36.28	25.90	−4	−7	41.97	26.03	+3	−11
31	26.65	39.82	+1	+8	30.77	30.94	−4	+5	36.47	25.82	−1	−10	42.14	26.13	+5	−9
32					30.94	30.70	−5	0					42.31	26.23	+6	−6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 52′ 20″	8.059	+7.997	+82° 52′ 30″	8.062	+8.000	+82 52′ 50″	8.069	+8.006
30	8.062	+8.000	40	8.065	+8.003	60	8.072	+8.009

$\alpha_{1936.0} = 10^h\ 23^m\ 26^s.95$ $\delta_{1936.0} = +82°\ 53'\ 8''.58$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^m.40$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		+	in			+	in			+	in			+	in	
	16^h52^m	82° 8′	$0^s.01$	$0''.01$	16^h52^m	82° 8′	$0^s.01$	$0''.01$	16^h52^m	82° 8′	$0^s.01$	$0''.01$	16^h52^m	82° 8′	$0^s.01$	$0''.01$
	s	″			s	″			s	″			s	″		
1	16.54	31.50	+2	− 8	19.45	22.82	+1	+ 7	23.78	19.26	−2	+ 9	28.53	21.46	−4	− 2
2	16.59	31.17	+3	− 4	19.59	22.61	−1	+ 9	23.94	19.23	−3	+ 8	28.67	21.63	−3	− 6
3	16.65	30.84	+3	0	19.72	22.41	−2	+ 9	24.10	19.21	−4	+ 5	28.80	21.81	−2	− 8
4	16.71	30.51	+2	+ 5	19.85	22.21	−3	+ 7	24.26	19.20	−4	0	28.94	21.99	0	− 9
5	16.77	30.18	0	+ 8	19.99	22.02	−4	+ 3	24.42	19.19	−3	− 4	29.07	22.17	+1	− 9
6	16.84	29.86	−1	+ 9	20.13	21.84	−3	− 1	24.58	19.19	−2	− 7	29.20	22.36	+2	− 7
7	16.91	29.54	−2	+ 9	20.26	21.66	−3	− 5	24.74	19.20	−1	− 9	29.33	22.56	+3	− 3
8	16.98	29.22	−3	+ 6	20.40	21.49	−2	− 8	24.90	19.21	0	− 9	29.46	22.76	+3	0
9	17.05	28.91	−4	+ 2	20.55	21.32	0	− 9	25.06	19.23	+2	− 8	29.58	22.96	+3	+ 4
10	17.13	28.60	−3	− 3	20.69	21.16	+1	− 9	25.22	19.26	+3	− 5	29.70	23.17	+2	+ 7
11	17.21	28.29	−2	− 6	20.84	21.01	+2	− 7	25.38	19.29	+3	− 2	29.82	23.39	+1	+ 9
12	17.29	27.99	−1	− 8	20.99	20.86	+3	− 4	25.53	19.33	+3	+ 2	29.94	23.61	0	+10
13	17.37	27.69	0	− 9	21.13	20.72	+3	− 1	25.69	19.38	+3	+ 5	30.05	23.83	−1	+ 8
14	17.46	27.40	+1	− 8	21.28	20.58	+3	+ 3	25.85	19.43	+2	+ 8	30.17	24.06	−2	+ 5
15	17.55	27.11	+2	− 6	21.43	20.45	+2	+ 7	26.00	19.49	+1	+10	30.28	24.29	−2	+ 1
16	17.64	26.82	+3	− 3	21.58	20.33	+2	+ 9	26.16	19.56	0	+10	30.39	24.53	−2	− 3
17	17.74	26.54	+3	+ 1	21.73	20.21	0	+10	26.32	19.63	−1	+ 7	30.50	24.77	−1	− 7
18	17.84	26.26	+3	+ 5	21.88	20.10	−1	+ 9	26.47	19.71	−2	+ 4	30.61	25.02	+1	− 9
19	17.94	25.98	+2	+ 8	22.04	19.99	−2	+ 6	26.63	19.80	−2	− 1	30.71	25.27	+2	− 9
20	18.04	25.71	+1	+10	22.20	19.89	−2	+ 2	26.78	19.89	−1	− 5	30.81	25.52	+3	− 7
21	18.15	25.44	0	+10	22.35	19.80	−2	− 3	26.93	19.99	0	− 8	30.91	25.78	+3	− 2
22	18.26	25.18	−1	+ 8	22.51	19.71	−1	− 7	27.08	20.09	+1	−10	31.01	26.04	+2	+ 2
23	18.37	24.92	−2	+ 4	22.67	19.63	0	− 9	27.23	20.20	+2	− 8	31.11	26.31	+1	+ 6
24	18.48	24.67	−2	0	22.83	19.56	+1	−10	27.38	20.32	+3	− 5	31.20	26.58	0	+ 9
25	18.60	24.42	−2	− 5	22.98	19.49	+2	− 8	27.53	20.44	+3	− 1	31.29	26.85	−2	+ 9
26	18.71	24.17	−1	− 8	23.14	19.43	+3	− 4	27.68	20.57	+2	+ 4	31.38	27.13	−3	+ 7
27	18.83	23.93	0	−10	23.30	19.38	+2	+ 1	27.82	20.70	+1	+ 7	31.46	27.41	−4	+ 4
28	18.95	23.70	+2	− 9	23.46	19.33	+1	+ 5	27.96	20.84	−1	+ 9	31.54	27.69	−4	− 1
29	19.07	23.47	+3	− 6	23.62	19.29	0	+ 8	28.11	20.99	−3	+ 8	31.62	27.98	−3	− 5
30	19.20	23.25	+3	− 2	23.78	19.26	−2	+ 9	28.25	21.14	−4	+ 6	31.70	28.27	−2	− 8
31	19.32	23.03	+2	+ 3					28.39	21.30	−4	+ 2	31.78	28.56	−1	− 9
32	19.45	22.82	+1	+ 7					28.53	21.46	−4	− 2				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 8′ 10″	7.309	+7.240	+82° 8′ 20″	7.311	+7.243	+82° 8′ 30″	7.314	+7.245
20	7.311	+7.243	30	7.314	+7.245	40	7.317	+7.248

$\alpha_{1936.0} = 16^h\ 52^m\ 27^s.37$ $\delta_{1936.0} = +82°\ 8'\ 44''.05$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^m.40$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$
1	$31^s.78$	$28''.56$	−1	−9	$32^s.75$	$38''.48$	+3	−3	$31^s.10$	$48''.05$	+1	+8	$27^s.23$	$54''.84$	−2	+3
2	31.85	28.85	0	−9	32.74	38.81	+3	+1	31.01	48.32	0	+9	27.08	55.00	−2	−1
3	31.92	29.15	+2	−8	32.72	39.13	+2	+5	30.91	48.59	−1	+8	26.92	55.15	−1	−5
4	31.98	29.45	+2	−5	32.70 / 32.68	39.46 / 39.79	+2 / +1	+8 / +9	30.81	48.86	−2	+6	26.77	55.29	0	−8
5	32.05	29.75	+3	−1	32.66	40.11	0	+9	30.71	49.12	−2	+2	26.62	55.43	+1	−9
6	32.11	30.06	+3	+3	32.63	40.44	−1	+7	30.61	49.38	−2	−3	26.46	55.57	+2	−8
7	32.17	30.37	+2	+6	32.60	40.77	−2	+4	30.50	49.64	−1	−7	26.30	55.70	+3	−5
8	32.23	30.68	+1	+8	32.57	41.09	−2	0	30.39	49.89	0	−9	26.14	55.83	+3	−1
9	32.28	30.99	0	+10	32.53	41.41	−2	−4	30.28	50.14	+1	−9	25.98	55.95	+2	+4
10	32.33	31.31	−1	+10	32.49	41.73	−1	−8	30.17	50.39	+2	−7	25.82	56.07	+1	+7
11	32.38	31.62	−2	+7	32.45	42.05	+1	−9	30.06	50.63	+3	−3	25.65	56.18	−1	+9
12	32.42	31.94	−2	+3	32.41	42.37	+2	−8	29.94	50.87	+3	+1	25.49	56.29	−2	+9
13	32.46	32.26	−2	−2	32.36	42.69	+3	−6	29.82	51.11	+2	+6	25.33	56.39	−3	+6
14	32.50	32.58	−1	−6	32.31	43.00	+3	−1	29.70	51.34	+1	+9	25.16	56.48	−4	+2
15	32.54	32.90	0	−8	32.26	43.31	+2	+3	29.58	51.57	−1	+9	24.99	56.57	−3	−2
16	32.58	33.22	+1	−9	32.21	43.63	+1	+7	29.46	51.80	−2	+8	24.82	56.66	−3	−6
17	32.61	33.54	+3	−7	32.15	43.94	0	+9	29.33	52.02	−3	+5	24.65	56.74	−1	−9
18	32.64	33.87	+3	−4	32.09	44.25	−2	+9	29.20	52.24	−4	0	24.48	56.82	0	−9
19	32.66	34.19	+3	0	32.03	44.56	−3	+7	29.07	52.45	−3	−4	24.31	56.90	+1	−8
20	32.68	34.52	+2	+5	31.97	44.86	−4	+3	28.94	52.66	−2	−7	24.14	56.97	+2	−6
21	32.70	34.85	+1	+8	31.90	45.16	−4	−1	28.81	52.86	−1	−9	23.96	57.03	+3	−3
22	32.72	35.18	−1	+9	31.83	45.46	−3	−5	28.67	53.06	0	−9	23.79	57.09	+3	+1
23	32.74	35.51	−3	+8	31.76	45.76	−2	−8	28.54	53.26	+1	−8	23.62	57.14	+2	+4
24	32.75	35.84	−4	+5	31.69	46.05	0	−9	28.40	53.46	+2	−5	23.44	57.19	+2	+7
25	32.76	36.17	−4	+1	31.61	46.35	+1	−9	28.26	53.65	+3	−2	23.26	57.23	+1	+9
26	32.77	36.50	−4	−3	31.53	46.64	+2	−7	28.12	53.83	+3	+2	23.08	57.27	0	+9
27	32.77	36.83	−3	−7	31.45	46.93	+2	−4	27.97	54.01	+2	+5	22.90	57.30	−1	+8
28	32.77	37.16	−1	−9	31.37	47.21	+3	0	27.82	54.19	+1	+8	22.73	57.33	−2	+5
29	32.77	37.49	0	−9	31.28	47.49	+2	+3	27.68	54.36	0	+9	22.55	57.35	−2	+1
30	32.77	37.82	+1	−8	31.19	47.77	+2	+6	27.53	54.52	−1	+9	22.37	57.37	−2	−3
31	32.76	38.15	+2	−6	31.10	48.05	+1	+8	27.38	54.68	−1	+7	22.19	57.38	−1	−7
32	32.75	38.48	+3	−3					27.23	54.84	−2	+3	22.02	57.39	0	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 8′ 20″	7.311	+7.243	+82° 8′ 30″	7.314	+7.245	+82° 8′ 50″	7.319	+7.250
30	7.314	+7.245	40	7.317	+7.248	60	7.322	+7.253

$\alpha_{1936.0} = 16^h\ 52^m\ 27^s.37$ $\delta_{1936.0} = +82°\ 8'\ 44''.05$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ng) ε Ursae minoris $4^{m}.40$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	
	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$
	s	"			s	"		
1	22.02	57.39	0	−9	16.70	55.27	+3	−4
2	21.84	57.39	+1	−9	16.54	55.12	+3	0
3	21.66	57.38	+2	−7	16.37	54.97	+2	+5
4	21.48	57.37	+3	−3	16.20	54.81	+1	+8
5	21.30	57.36	+2	+2	16.04	54.65	−1	+9
6	21.12	57.34	+1	+6	15.87	54.48	−3	+8
7	20.94	57.32	0	+8	15.71	54.31	−4	+5
8	20.76	57.29	−2	+8	15.55	54.13	−4	+1
9	20.58	57.26	−3	+7	15.39	53.95	−4	−3
10	20.40	57.22	−4	+4	15.23	53.77	−3	−7
11	20.22	57.18	−4	−1	15.07	53.58	−1	−9
12	20.04	57.13	−3	−5	14.92	53.39	0	−9
13	19.86	57.07	−2	−8	14.76	53.19	+1	−8
14	19.68	57.01	−1	−9	14.60	52.99	+2	−6
15	19.50	56.95	+1	−9	14.45	52.78	+3	−2
16	19.32	56.88	+2	−7	14.30	52.57	+2	+2
17	19.14	56.81	+2	−4	14.15	52.36	+2	+5
18	18.97	56.73	+3	−1	14.00	52.14	+2	+8
19	18.79	56.65	+3	+3	13.86	51.91	+1	+9
20	18.61	56.56	+2	+6	13.71	51.68	0	+9
21	18.43	56.47	+1	+8	13.57	51.45	−1	+7
22	18.26	56.37	0	+9	13.43	51.22	−2	+4
23	18.08	56.27	−1	+9	13.29	50.98	−2	+1
24	17.91	56.16	−1	+6	13.15	50.73	−1	−4
25	17.73	56.05	−2	+3	13.02	50.48	0	−7
26	17.55	55.93	−1	−1	12.89	50.23	+1	−9
27	17.38	55.81	−1	−5	12.76	49.97	+2	−8
28	17.21	55.68	0	−8	12.63	49.71	+3	−6
29	17.04	55.55	+1	−9	12.50	49.45	+3	−1
30	16.87	55.41	+2	−7	12.38	49.18	+2	+3
31	16.70	55.27	+3	−4	12.25	48.91	+1	+7
32					12.13	48.64	0	+9

Tag	November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$	16^h52^m	+82° 8′	in $0^s.01$	in $0''.01$
	s	"			s	"		
1	12.13	48.64	0	+9	9.67	39.10	−4	+4
2	12.01	48.36	−2	+9	9.63	38.75	−4	0
3	11.89	48.08	−3	+7	9.59	38.40	−3	−4
4	11.78	47.80	−4	+3	*)9.56	38.05	−2	−8
5	11.67	47.51	−4	−2	9.53	37.70	−1	−10
6	11.56	47.22	−3	−6	9.50	37.35	0	−10
7	11.45	46.92	−2	−9	9.48	36.99	+1	−8
8	11.34	46.62	−1	−10	9.46	36.64	+2	−5
9	11.24	46.32	0	−9	9.45	36.29	+2	−1
10	11.14	46.02	+2	−7	9.43	35.94	+2	+2
11	11.04	45.72	+2	−3	9.42	35.58	+2	+5
12	10.95	45.41	+2	0	9.41	35.23	+1	+8
13	10.86	45.10	+2	+4	9.40	34.87	0	+9
14	10.77	44.78	+2	+6	9.40	34.52	−1	+8
15	10.68	44.46	+1	+8	9.40	34.16	−2	+6
16	10.60	44.14	0	+9	9.41	33.81	−2	+3
17	10.52	43.82	−1	+8	9.42	33.46	−2	−1
18	10.44	43.49	−2	+5	9.43	33.10	−1	−5
19	10.36	43.16	−2	+2	9.45	32.75	0	−7
20	10.29	42.83	−1	−2	9.46	32.40	+1	−8
21	10.22	42.50	−1	−6	9.48	32.05	+2	−8
22	10.15	42.17	0	−8	9.50	31.70	+3	−5
23	10.08	41.84	+2	−8	9.53	31.36	+3	0
24	10.02	41.50	+3	−6	9.56	31.01	+3	+4
25	9.96	41.16	+3	−3	9.59	30.66	+1	+7
26	9.90	40.82	+3	+1	9.63	30.32	0	+9
27	9.85	40.48	+2	+6	9.67	29.98	−2	+9
28	9.80	40.13	+1	+8	9.71	29.64	−3	+6
29	9.76	39.79	−1	+9	9.76	29.31	−4	+2
30	9.71	39.44	−3	+8	9.80	28.97	−4	−2
31	9.67	39.10	−4	+4	9.85	28.64	−3	−6
32					9.90	28.31	−2	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 8′ 20″	7.311	+7.243	+82° 8′ 30″	7.314	+7.245	+82° 8′ 50″	7.319	+7.250
30	7.314	+7.245	40	7.317	+7.248	60	7.322	+7.253

$\alpha_{1936.0} = 16^h\ 52^m\ 27^s.37$ $\delta_{1936.0} = +82°\ 8'\ 44''.05$

*) Tag der doppelten unteren Kulmination: Dez. 4.

Nh) δ Ursae minoris $4^m.44$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in AR.	Januar ☾ Glieder in Dekl.	Februar AR.	Februar Dekl.	Februar ☾ Glieder in AR.	Februar ☾ Glieder in Dekl.	März AR.	März Dekl.	März ☾ Glieder in AR.	März ☾ Glieder in Dekl.	April AR.	April Dekl.	April ☾ Glieder in AR.	April ☾ Glieder in Dekl.
	$17^h 52^m$	+86° 36′	$0.^s01$	$0.''01$	$17^h 52^m$	+86° 36′	$0.^s01$	$0.''01$	$17^h 52^m$	+86° 36′	$0.^s01$	$0.''01$	$17^h 52^m$	+86° 36′	$0.^s01$	$0.''01$
1	$21.^s80$	$39.''96$	+ 3	− 9	$25.^s52$	$30.''47$	+ 5	+ 6	$33.^s93$	$25.''02$	− 1	+10	$44.^s96$	$24.''78$	−11	0
2	21.81	39.62	+ 6	− 6	25.74	30.21	+ 2	+ 9	34.27	24.92	− 5	+ 9	45.31	24.87	−10	− 4
3	21.83	39.29	+ 8	− 2	25.97	29.96	− 2	+10	34.62	24.82	− 9	+ 7	45.65	24.97	− 7	− 7
4	21.86	38.95	+ 7	+ 3	26.21	29.71	− 6	+ 9	34.96	24.73	−11	+ 3	45.99	25.07	− 4	− 9
5	21.90	38.62	+ 4	+ 8	26.45	29.47	− 9	+ 6	35.31	24.64	−10	− 1	46.33	25.18	0	− 9
6	21.94	38.29	0	+10	26.69	29.23	−10	+ 2	35.66	24.56	− 9	− 5	46.66	25.30	+ 3	− 8
7	21.99	37.96	− 4	+10	26.94	28.99	−10	− 3	36.01	24.49	− 6	− 8	46.99	25.42	+ 6	− 5
8	22.05	37.64	− 7	+ 8	27.20	28.76	− 7	− 6	36.36	24.43	− 2	− 9	47.32	25.55	+ 8	− 2
9	22.12	37.31	−10	+ 4	27.46	28.53	− 4	− 8	36.72	24.37	+ 2	− 9	47.65	25.68	+ 9	+ 2
10	22.19	36.99	−10	0	27.73	28.31	0	− 9	37.08	24.32	+ 5	− 7	47.98	25.82	+ 9	+ 5
11	22.27	36.67	− 9	− 4	28.00	28.09	+ 3	− 8	37.44	24.27	+ 8	− 4	48.30	25.96	+ 7	+ 8
12	22.36	36.35	− 6	− 7	28.28	27.88	+ 6	− 6	37.80	24.23	+ 9	0	48.62	26.11	+ 3	+ 9
13	22.45	36.03	− 3	− 9	28.56	27.68	+ 9	− 3	38.16	24.20	+10	+ 3	48.94	26.27	0	+ 9
14	22.55	35.71	+ 1	− 9	28.84	27.48	+10	+ 1	38.52	24.17	+ 8	+ 6	49.25	26.43	− 3	+ 6
15	22.66	35.39	+ 5	− 7	29.13	27.28	+ 9	+ 5	38.88	24.15	+ 6	+ 8	49.56	26.60	− 5	+ 2
16	22.78	35.08	+ 7	− 5	29.42	27.09	+ 8	+ 8	39.24	24.13	+ 3	+ 9	49.87	26.77	− 6	− 2
17	22.90	34.77	+ 9	− 1	29.72	26.91	+ 4	+ 9	39.60	24.12	− 1	+ 8	50.17	26.95	− 4	− 6
18	23.03	34.46	+10	+ 2	30.02	26.73	+ 1	+ 9	39.97	24.12	− 4	+ 5	50.47	27.13	− 1	− 9
19	23.16	34.16	+ 9	+ 6	30.33	26.55	− 3	+ 7	40.33	24.13	− 6	0	50.76	27.32	+ 2	−10
20	23.30	33.86	+ 6	+ 8	30.64	26.38	− 5	+ 3	40.69	24.14	− 6	− 4	51.05	27.51	+ 5	− 8
21	23.45	33.56	+ 3	+ 9	30.95	26.22	− 7	− 1	41.05	24.16	− 4	− 8	51.34	27.71	+ 7	− 4
22	23.60	33.26	− 1	+ 8	31.27	26.06	− 6	− 6	41.41	24.19	− 1	−10	51.62	27.91	+ 8	0
23	23.76	32.97	− 5	+ 6	31.59	25.91	− 3	− 9	41.77	24.22	+ 3	− 9	51.89	28.12	+ 6	+ 5
24	23.93	32.68	− 7	+ 2	31.92	25.77	0	−10	42.13	24.26	+ 6	− 7	52.16	28.33	+ 2	+ 8
25	24.11	32.39	− 7	− 3	32.25	25.63	+ 3	− 9	42.49	24.30	+ 7	− 3	52.43	28.55	− 2	+10
26	24.29	32.10	− 6	− 7	32.58	25.50	+ 6	− 5	42.85	24.35	+ 7	+ 2	52.70	28.77	− 6	+ 9
27	24.48	31.82	− 3	−10	32.91	25.37	+ 7	− 1	43.20	24.41	+ 4	+ 7	52.96	29.00	−10	+ 6
28	24.67	31.54	+ 1	−10	33.25	25.25	+ 6	+ 4	43.55	24.47	0	+ 9	53.21	29.23	−11	+ 2
29	24.87	31.27	+ 5	− 7	33.59	25.13	+ 3	+ 8	43.91	24.54	− 4	+10	53.46	29.46	−11	− 2
30	25.08	31.00	+ 7	− 4	33.93	25.02	− 1	+10	44.26	24.61	− 8	+ 8	53.70	29.70	− 9	− 6
31	25.30	30.73	+ 7	+ 1					44.61	24.69	−10	+ 5	53.94	29.94	− 6	− 8
32	25.52	30.47	+ 5	+ 6					44.96	24.78	−11	0				

δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 20″	16.889	+16.860	+86° 36′ 30″	16.903	+16.873
30	16.903	+16.873	40	16.917	+16.887

$\alpha_{1936.0} = 17^h\ 52^m\ 50.^s99$ $\delta_{1936.0} = +86°\ 36'\ 45.''74$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nh) δ Ursae minoris $4^m.44$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	17^h52^m	+86° 36′	in $0^s.01$	in $0''.01$	17^h52^m	+86° 36′	in $0^s.01$	in $0''.01$	17^h52^m	+86° 36′	in $0^s.01$	in $0''.01$	17^h52^m	+86° 36′	in $0^s.01$	in $0''.01$
1	$53^s.94$	$29''.94$	−6	−8	$58^s.54$	$38''.97$	+6	−4	$57^s.08$	$49''.06$	+6	+7	$49^s.92$	$57''.62$	−5	+5
2	54.17	30.19	−2	−9	58.59	39.30	+8	−1	56.93	49.37	+3	+9	49.61	57.85	−6	0
3	54.40	30.44	+2	−8	58.63	39.62	+8	+3	56.78	49.68	0	+8	49.30	58.08	−6	−4
4	54.62	30.69	+5	−6	58.67	39.95	+7	+6	56.62	49.99	−3	+6	48.98	58.30	−4	−7
5	54.84	30.95	+7	−3	58.70	40.27	+5	+8	56.46	50.29	−6	+3	48.66	58.52	−1	−9
6	55.05	31.21	+8	0	58.72	40.60	+2	+9	56.29	50.60	−6	−1	48.33	58.73	+3	−9
7	55.26	31.47	+8	+4	58.74	40.93	−1	+8	56.11	50.90	−6	−5	48.00	58.94	+6	−7
8	55.46	31.74	+7	+7	58.75	41.26	−4	+5	55.93	51.20	−3	−8	47.66	59.15	+7	−3
9	55.66	32.01	+4	+9	58.76	41.59	−6	+1	55.74	51.50	+1	−10	47.32	59.35	+7	+2
10	55.85	32.29	+1	+9	58.76	41.92	−6	−3	55.55	51.80	+4	−9	46.98	59.55	+5	+6
11	56.04	32.57	−2	+7	58.75	42.25	−4	−7	55.35	52.10	+7	−5	46.63	59.74	+2	+9
12	56.22	32.85	−5	+4	58.73	42.58	−1	−9	55.14	52.39	+8	−1	46.28	59.93	−3	+10
13	56.39	33.13	−6	0	58.71	42.91	+3	−9	54.93	52.68	+7	+4	45.93	60.12	−7	+8
14	56.56	33.42	−5	−5	58.68	43.24	+6	−7	54.71	52.97	+4	+8	45.57	60.30	−9	+5
15	56.72	33.71	−3	−8	58.65	43.57	+8	−3	54.49	53.25	0	+10	45.21	60.48	−10	0
16	56.88	34.00	+1	−10	58.61	43.89	+8	+1	54.26	53.53	−4	+9	44.84	60.65	−9	−4
17	57.03	34.30	+4	−9	58.56	44.22	+6	+6	54.03	53.81	−8	+7	44.47	60.82	−7	−7
18	57.17	34.60	+7	−6	58.50	44.55	+3	+9	53.79	54.09	−10	+3	44.10	60.98	−4	−9
19	57.31	34.90	+8	−2	58.44	44.88	−2	+10	53.55	54.36	−10	−1	43.73	61.14	0	−9
20	57.44	35.20	+7	+3	58.37 58.29	45.21 45.54	−6 −9	+9 +6	53.30	54.63	−9	−5	43.35	61.30	+4	−7
21	57.57	35.51	+4	+7	58.21	45.86	−11	+1	53.04	54.90	−6	−8	42.97	61.45	+6	−5
22	57.69	35.81	0	+9	58.13	46.18	−10	−3	52.78	55.16	−2	−9	42.59	61.60	+8	−1
23	57.80	36.12	−4	+9	58.04	46.51	−8	−6	52.52	55.42	+1	−8	42.20	61.74	+9	+2
24	57.91	36.43	−8	+7	57.94	46.83	−5	−8	52.25	55.68	+5	−6	41.81	61.88	+8	+5
25	58.01	36.74	−11	+4	57.84	47.15	−1	−9	51.97	55.93	+7	−3	41.42	62.01	+6	+8
26	58.11	37.06	−11	0	57.73	47.47	+2	−8	51.69	56.18	+8	0	41.03	62.14	+3	+9
27	58.20	37.37	−10	−4	57.61	47.79	+5	−5	51.41	56.43	+8	+4	40.63	62.26	0	+8
28	58.28	37.69	−7	−7	57.49	48.11	+8	−2	51.12	56.68	+7	+6	40.23	62.38	−3	+6
29	58.35	38.01	−4	−9	57.36	48.43	+8	+1	50.83	56.92	+5	+8	39.83	62.49	−5	+2
30	58.42	38.33	0	−9	57.22	48.74	+8	+5	50.53	57.16	+1	+9	39.43	62.60	−6	−2
31	58.48	38.65	+4	−7	57.08	49.06	+6	+7	50.23	57.39	−2	+7	39.02	62.71	−5	−6
32	58.54	38.97	+6	−4					49.92	57.62	−5	+5	38.61	62.81	−2	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 20″	16.889	+16.860	+86° 36′ 40″	16.917	+16.887	+86° 37′ 0″	16.945	+16.915
30	16.903	+16.873	50	16.931	+16.901	10	16.958	+16.929

$\alpha_{1936.0} = 17^h\ 52^m\ 50^s.99$ $\delta_{1936.0} = +86°\ 36'\ 45''.74$

Nh) δ Ursae minoris $4^{m}.44$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$17^{h}52^{m}$	+86° 37′	in $0^{s}.01$	in $0''.01$	$17^{h}52^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}52^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$	$17^{h}52^{m}$	+86° 36′	in $0^{s}.01$	in $0''.01$
1	$38^{s}.61$	$2''.81$	−2	−9	$25^{s}.86$	$63''.65$	+6	−6	$13^{s}.47$	$59''.86$	+2	+8	$4^{s}.95$	$52''.29$	−8	+7
2	38.20	2.91	+1	−10	25.43	63.60	+8	−2	13.12	59.67	−2	+9	4.75	51.99	−11	+3
3	37.79	3.01	+4	−8	25.01	63.54	+7	+3	12.77	59.47	−7	+8	4.56	51.68	−11	−2
4	37.38	3.10	+7	−5	24.58	63.48	+4	+7	12.42	59.26	−10	+5	4.37	51.37	−10	−5
5	36.96	3.19	+7	0	24.16	63.42	0	+9	12.08	59.05	−12	+1	4.19	51.06	−7	−8
6	36.54	3.27	+6	+5	23.73	63.35	−4	+10	11.74	58.83	−11	−3	4.02	50.75	−3	−9
7	36.12	3.34	+3	+8	23.31	63.28	−8	+7	11.41	58.61	−9	−7	3.86	50.43	+1	−8
8	35.70	3.41	−1	+10	22.89	63.20	−11	+4	11.08	58.39	−5	−9	3.70	50.12	+4	−6
9	35.28	3.48	−5	+9	22.47	63.12	−11	−1	10.76	58.16	−1	−9	3.55	49.80	+6	−3
10	34.86	3.54	−9	+6	22.06	63.03	−10	−5	10.44	57.93	+2	−8	3.41	49.48	+7	0
11	34.44	3.59	−11	+2	21.64	62.94	−7	−8	10.13	57.70	+5	−5	3.27	49.16	+7	+4
12	34.01	3.64	−10	−2	21.23	62.84	−3	−9	9.82	57.46	+7	−2	3.14	48.84	+6	+6
13	33.58	3.69	−8	−6	20.82	62.73	0	−8	9.51	57.22	+7	+2	3.02	48.51	+3	+8
14	33.16	3.73	−5	−8	20.41	62.62	+4	−7	9.21	56.98	+7	+5	2.90	48.18	+1	+8
15	32.73	3.76	−1	−9	20.00	62.51	+6	−4	8.92	56.73	+5	+7	2.79	47.85	−2	+7
16	32.30	3.79	+2	−8	19.59	62.39	+8	0	8.63	56.48	+3	+8	2.69	47.52	−4	+4
17	31.87	3.82	+5	−6	19.19	62.27	+8	+3	8.34	56.22	0	+8	2.59	47.19	−5	+1
18	31.45	3.84	+7	−3	18.79	62.14	+7	+6	8.06	55.96	−3	+6	2.50	46.86	−5	−3
19	31.02	3.85	+8	+1	18.39	62.01	+5	+8	7.79	55.70	−4	+3	*)2.42	46.53	−3	−7
20	30.59	3.86	+8	+4	17.99	61.87	+2	+9	7.52	55.43	−5	−1	2.35	46.20	0	−9
21	30.16	3.87	+7	+7	17.60	61.73	−1	+7	7.25	55.16	−4	−5	2.29	45.86	+4	−9
22	29.73	3.87	+4	+8	17.21	61.58	−3	+5	6.99	54.89	−1	−8	2.23	45.52	+7	−7
23	29.30	3.86	+1	+9	16.82	61.43	−4	+2	6.74	54.61	+2	−9	2.18	45.19	+9	−3
24	28.87	3.85	−2	+7	16.43	61.28	−4	−3	6.49	54.33	+6	−8	2.13	44.85	+9	+2
25	28.44	3.84	−4	+4	16.05	61.12	−3	−6	6.25	54.05	+8	−5	2.09	44.52	+7	+6
26	28.00	3.82	−5	0	15.67	60.95	0	−9	6.02	53.76	+9	−1	2.06	44.18	+3	+9
27	27.57	3.80	−5	−4	15.30	60.78	+3	−9	5.79	53.47	+8	+4	2.04	43.85	−2	+9
28	27.14	3.77	−2	−8	14.93	60.61	+6	−7	5.57	53.18	+5	+7	2.03	43.52	−6	+8
29	26.71	3.73	0	−9	14.56	60.43	+8	−4	5.36	52.88	0	+9	2.02	43.18	−9	+4
30	26.29	3.69	+4	−9	14.19	60.24	+8	+1	5.15	52.59	−4	+9	2.02	42.85	−11	0
31	25.86	3.65	+6	−6	13.83	60.05	+6	+5	4.95	52.29	−8	+7	2.03	42.52	−10	−4
32					13.47	59.86	+2	+8					2.05	42.18	−8	−7

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+86° 36′ 40″	16.917	+16.887	+86° 36′ 50″	16.931	+16.901	+86° 37′ 0″	16.945	+16.915
50	16.931	+16.901	60	16.945	+16.915	10	16.958	+16.929

$\alpha_{1936.0} = 17^{h}\ 52^{m}\ 50^{s}.99$ $\qquad$ $\delta_{1936.0} = +86^{\circ}\ 36'\ 45''.74$

*) Tag der doppelten unteren Kulmination: Dez. 19.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ni) λ Ursae minoris $6^m.55$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	18^h37^m	+89° 2′	in 0.01 s	in 0.01″	18^h37^m	+89° 2′	in 0.01 s	in 0.01″	18^h37^m	+89° 2′	in 0.01 s	in 0.01″	18^h38^m	+89° 2′	in 0.01 s	in 0.01″
1	26.62 s	26.23″	+5	−10	31.45 s	16.47″	+24	+5	55.81 s	9.78″	+3	+10	33.16 s	7.66″	−42	+3
2	26.39	25.90	+20	−7	32.01	16.18	+13	+9	56.89	9.62	−14	+10	34.40	7.69	−41	−2
3	26.18	25.58	+28	−3	32.59	15.90	−2	+10	57.99	9.47	−28	+8	35.65	7.73	−34	−5
4	26.00	25.25	+30	+2	33.19	15.62	−17	+10	59.11	9.32	−38	+5	36.89	7.77	−22	−8
5	25.84	24.93	+23	+7	33.81	15.34	−30	+7	60.23	9.18	−41	+1	38.13	7.82	−7	−9
6	25.71	24.60	+9	+10	34.46	15.07	−38	+3	61.37	9.04	−37	−3	39.36	7.87	+8	−8
7	25.61	24.28	−7	+10	35.13	14.80	−39	−1	62.51	8.91	−28	−6	40.59	7.93	+21	−6
8	25.53	23.95	−22	+9	35.82	14.53	−33	−4	63.67	8.79	−15	−8	41.81	8.00	+31	−3
9	25.48	23.63	−34	+6	36.53	14.27	−22	−7	64.83	8.67	0	−9	43.03	8.07	+37	0
10	25.46	23.30	−39	+2	37.27	14.01	−8	−9	66.01	8.56	+15	−8	44.24	8.15	+37	+3
11	25.46	22.98	−37	−2	38.02	13.76	+7	−9	67.20	8.46	+27	−5	45.44	8.23	+31	+6
12	25.49	22.66	−29	−6	38.80	13.51	+21	−7	68.39	8.36	+36	−2	46.64	8.32	+21	+8
13	25.54	22.33	−17	−8	39.59	13.26	+32	−4	69.59	8.27	+40	+1	47.83	8.42	+7	+8
14	25.62	22.01	−3	−9	40.41	13.02	+39	−1	70.80	8.18	+37	+5	49.02	8.52	−7	+7
15	25.73	21.69	+12	−8	41.24	12.78	+40	+3	72.01	8.10	+29	+7	50.20	8.63	−17	+3
16	25.86	21.37	+25	−6	42.10	12.55	+35	+6	73.23	8.02	+17	+8	51.37	8.74	−23	−1
17	26.02	21.05	+35	−3	42.97	12.32	+25	+8	74.45	7.95	+2	+8	52.53	8.86	−21	−5
18	26.21	20.73	+40	0	43.85	12.09	+10	+9	75.68	7.89	−12	+5	53.68	8.99	−13	−9
19	26.42	20.41	+38	+4	44.76	11.87	−6	+7	76.91	7.83	−21	+2	54.82	9.12	0	−10
20	26.66	20.10	+30	+7	45.69	11.65	−19	+4	78.15	7.78	−25	−3	55.95	9.26	+14	−9
21	26.92	19.79	+17	+9	46.63	11.44	−27	0	79.39	7.74	−21	−7	57.07	9.40	+25	−6
22	27.21	19.47	+1	+8	47.59	11.23	−27	−4	80.64	7.70	−10	−9	58.18	9.55	+30	−1
23	27.52	19.16	−14	+6	48.56	11.03	−20	−8	81.89	7.67	+3	−10	59.28	9.70	+27	+4
24	27.86	18.86	−26	+3	49.55	10.84	−8	−10	83.14	7.64	+16	−8	60.36	9.86	+15	+8
25	28.22	18.55	−31	−2	50.56	10.65	+7	−9	84.39	7.62	+25	−4	61.43	10.02	−1	+10
26	28.61	18.25	−28	−6	51.58	10.46	+19	−6	85.64	7.61	+27	+1	62.49	10.19	−18	+10
27	29.02	17.94	−17	−9	52.62	10.28	+26	−2	86.90	7.60	+21	+6	63.54	10.36	−33	+8
28	29.46	17.64	−3	−10	53.67	10.11	+25	+3	88.15	7.60	+8	+9	64.57	10.54	−42	+4
29	29.92	17.35	+12	−8	54.73	9.94	+16	+7	89.41	7.61	−8	+10	65.59	10.72	−44	0
30	30.41	17.05	+23	−5	55.81	9.78	+3	+10	90.66	7.62	−24	+10	66.59	10.91	−39	−4
31	30.92	16.76	+28	0					91.91	7.64	−36	+7	67.58	11.10	−29	−7
32	31.45	16.47	+24	+5					93.16	7.66	−42	+3				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 0″	59.274	+59.266	+89° 2′ 10″	59.445	+59.437	+89° 2′ 20″	59.617	+59.608
10	59.445	+59.437	20	59.617	+59.608	30	59.790	+59.781

$\alpha_{1936.0} = 18^h\ 39^m\ 14^s.71$ $\delta_{1936.0} = +89°\ 2'\ 26''.52$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ni) λ Ursae minoris $6^{m}.55$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder in 0.01s	Mai ☾ Glieder in 0.01″	Juni AR.	Juni Dekl.	Juni ☾ Glieder in 0.01s	Juni ☾ Glieder in 0.01″	Juli AR.	Juli Dekl.	Juli ☾ Glieder in 0.01s	Juli ☾ Glieder in 0.01″	August AR.	August Dekl.	August ☾ Glieder in 0.01s	August ☾ Glieder in 0.01″
	$18^h 39^m$	+89° 2′			$18^h 39^m$	+89° 2′			$18^h 39^m$	+89° 2′			$18^h 38^m$	+89° 2′		
	s	″			s	″			s	″			s	″		
1	7.58	11.10	−29	− 7	29.76	19.06	+22	− 5	32.04	28.77	+34	+ 3	72.91	38.67	−14	+ 5
2	8.56	11.30	−14	− 8	30.15	19.36	+31	− 2	31.77 31.48	29.10 29.43	+29 +19	+ 6 + 8	71.98	38.95	−23	+ 2
3	9.52	11.50	+ 1	− 8	30.53	19.67	+35	+ 1	31.16	29.76	+ 6	+ 8	71.04	39.22	−26	− 2
4	10.47	11.71	+15	− 7	30.88	19.98	+32	+ 4	30.83	30.08	− 8	+ 7	70.08	39.49	−22	− 6
5	11.40	11.92	+26	− 5	31.22	20.29	+26	+ 7	30.47	30.41	−20	+ 4	69.11	39.76	−12	− 9
6	12.32	12.14	+33	− 1	31.53	20.61	+14	+ 8	30.08	30.73	−26	0	68.12	40.03	+ 3	− 9
7	13.22	12.36	+35	+ 2	31.81	20.92	+ 1	+ 8	29.68	31.06	−26	− 4	67.11	40.29	+17	− 8
8	14.10	12.58	+32	+ 5	32.08	21.24	−13	+ 6	29.26	31.38	−18	− 8	66.09	40.55	+27	− 4
9	14.97	12.81	+23	+ 8	32.32	21.56	−22	+ 3	28.81	31.70	− 5	−10	65.05	40.81	+30	+ 1
10	15.82	13.04	+11	+ 9	32.55	21.87	−26	− 2	28.35	32.03	+10	− 9	63.99	41.06	+25	+ 5
11	16.66	13.28	− 3	+ 8	32.75	22.19	−22	− 6	27.86	32.35	+24	− 6	62.92	41.31	+13	+ 9
12	17.47	13.52	−15	+ 5	32.92	22.52	−11	− 9	27.35	32.67	+31	− 2	61.83	41.56	− 3	+10
13	18.27	13.77	−22	+ 1	33.08	22.84	+ 4	−10	26.82	32.98	+31	+ 3	60.72	41.80	−20	+ 9
14	19.05	14.02	−23	− 4	33.21	23.16	+18	− 9	26.27	33.30	+23	+ 7	59.60	42.04	−33	+ 6
15	19.82	14.27	−16	− 7	33.33	23.49	+30	− 5	25.69	33.61	+ 8	+10	58.46	42.27	−40	+ 2
16	20.56	14.53	− 4	−10	33.42	23.81	+34	0	25.10	33.93	− 9	+10	57.31	42.50	−40	− 2
17	21.28	14.79	+11	−10	33.48	24.14	+29	+ 4	24.49	34.24	−25	+ 8	56.15	42.73	−33	− 5
18	21.98	15.05	+24	− 7	33.53	24.47	+18	+ 8	23.85	34.55	−36	+ 5	54.97	42.96	−21	− 8
19	22.66	15.32	+32	− 3	33.55	24.80	+ 1	+10	23.20	34.86	−41	+ 1	53.78	43.18	− 6	− 9
20	23.33	15.59	+32	+ 2	33.54	25.13	−17	+10	22.52	35.17	−38	− 3	52.57	43.40	+ 8	− 8
21	23.98	15.86	+23	+ 6	33.52	25.46	−31	+ 7	21.83	35.48	−29	− 7	51.35	43.61	+21	− 6
22	24.60	16.14	+ 9	+ 9	33.47	25.79	−40	+ 3	21.11	35.78	−16	− 8	50.11	43.82	+30	− 3
23	25.21	16.42	− 9	+10	33.40	26.12	−42	− 1	20.38	36.08	− 1	− 8	48.87	44.03	+35	0
24	25.80	16.70	−26	+ 9	33.31	26.45	−36	− 5	19.63	36.38	+13	− 7	47.61	44.23	+34	+ 4
25	26.37	16.99	−38	+ 6	33.19	26.78	−25	− 7	18.85	36.67	+25	− 4	46.33	44.43	+29	+ 6
26	26.91	17.28	−43	+ 2	33.06	27.12	−11	− 8	18.06	36.97	+33	− 1	45.05	44.63	+19	+ 8
27	27.44	17.57	−42	− 2	32.90	27.45	+ 4	− 8	17.25	37.26	+35	+ 2	43.75	44.82	+ 6	+ 8
28	27.94	17.86	−33	− 6	32.72	27.78	+18	− 6	16.42	37.55	+32	+ 5	42.44	45.01	− 7	+ 6
29	28.43	18.16	−20	− 8	32.52	28.11	+28	− 4	15.57	37.83	+24	+ 7	41.12	45.19	−18	+ 3
30	28.89	18.46	− 6	− 9	32.29	28.44	+33	0	14.70	38.11	+12	+ 8	39.79	45.37	−24	− 1
31	29.34	18.76	+ 9	− 8	32.04	28.77	+34	+ 3	13.81	38.39	− 1	+ 8	38.44	45.54	−23	− 5
32	29.76	19.06	+22	− 5					12.91	38.67	−14	+ 5	37.09	45.71	−15	− 8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 10″	59.445	+59.437	+89° 2′ 20″	59.617	+59.608	+89° 2′ 40″	59.964	+59.955
20	59.617	+59.608	30	59.790	+59.781	50	60.138	+60.130

$\alpha_{1936.0} = 18^h\ 39^m\ 14^s.71$ $\delta_{1936.0} = +89°\ 2'\ 26''.52$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Ni) λ Ursae minoris 6ᵐ.55

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$18^h 37^m$	+89° 2′	in 0ˢ.01	in 0″.01	$18^h 37^m$	+89° 2′	in 0ˢ.01	in 0″.01	$18^h 36^m$	+89° 2′	in 0ˢ.01	in 0″.01	$18^h 36^m$	+89° 2′	in 0ˢ.01	in 0″.01
	s	″			s	″			s	″			s	″		
1	97.09	45.71	−15	− 8	52.93	48.76	+21	− 7	66.43	47.29	+15	+ 8	30.34	41.49	−28	+ 8
2	95.72	45.88	− 3	−10	51.39	48.79	+28	− 4	65.04	47.16	− 2	+10	29.40	41.23	−40	+ 5
3	94.35	46.04	+11	− 9	49.86	48.81	+29	+ 1	63.65	47.03	−20	+10	28.48	40.97	−45	+ 1
4	92.96	46.20	+23	− 6	48.32	48.83	+21	+ 6	62.27	46.90	−35	+ 7	27.58	40.70	−42	− 3
5	91.57	46.36	+28	− 1	46.78	48.84	+ 7	+ 9	60.90	46.76	−43	+ 3	26.70	40.43	−33	− 6
6	90.17	46.51	+26	+ 3	45.24	48.85	−10	+10	59.55	46.61	−43	− 1	25.85	40.16	−19	− 8
7	88.75	46.65	+16	+ 7	43.70	48.85	−27	+ 9	58.20	46.46	−39	− 5	25.01	39.89	− 4	− 8
8	87.33	46.79	+ 1	+10	42.17	48.85	−39	+ 6	56.87	46.30	−27	− 7	24.20	39.61	+10	− 7
9	85.91	46.93	−16	+10	40.63	48.84	−44	+ 2	55.54	46.14	−12	− 8	23.41	39.33	+21	− 4
10	84.47	47.06	−30	+ 8	39.09	48.83	−42	− 3	54.23	45.97	+ 3	− 8	22.64	39.05	+28	− 1
11	83.02	47.19	−40	+ 4	37.56	48.82	−33	− 6	52.94	45.80	+16	− 6	21.90	38.77	+30	+ 2
12	81.56	47.31	−42	0	36.03	48.80	−20	− 8	51.66	45.62	+25	− 3	21.18	38.48	+27	+ 5
13	80.10	47.43	−38	− 4	34.50	48.77	− 5	− 8	50.39	45.44	+30	0	20.48	38.19	+19	+ 7
14	78.63	47.54	−27	− 7	32.97	48.74	+10	− 7	49.14	45.26	+30	+ 3	19.80	37.89	+ 9	+ 8
15	77.16	47.65	−13	− 9	31.45	48.71	+22	− 5	47.90	45.07	+26	+ 6	19.15	37.59	− 3	+ 7
16	75.68	47.75	+ 2	− 8	29.93	48.66	+30	− 2	46.67	44.88	+17	+ 8	18.52	37.30	−13	+ 5
17	74.20	47.85	+16	− 7	28.42	48.61	+35	+ 1	45.46	44.68	+ 6	+ 8	17.92	37.00	−20	+ 2
18	72.71	47.95	+27	− 4	26.91	48.56	+31	+ 4	44.27	44.48	− 5	+ 6	17.34	36.69	−22	− 2
19	71.21	48.04	+33	− 1	25.40	48.50	+25	+ 7	43.09	44.27	−15	+ 4	16.78	36.39	−17	− 6
20	69.71	48.13	+34	+ 2	23.90	48.44	+15	+ 8	41.93	44.06	−20	0	16.25	36.08	− 6	− 9
21	68.20	48.21	+31	+ 5	22.41	48.37	+ 4	+ 7	40.78	43.85	−19	− 4	15.75	35.77	+ 9	− 9
22	66.69	48.29	+23	+ 7	20.92	48.30	− 8	+ 6	39.66	43.63	−11	− 7	15.27	35.46	+23	− 8
23	65.17	48.36	+12	+ 8	19.44	48.22	−16	+ 2	38.55	43.41	+ 1	−10	14.81	35.15	+33	− 4
24	63.65	48.43	− 1	+ 7	17.96	48.14	−20	− 2	37.46	43.18	+15	− 9	14.38	34.83	+36	0
25	62.13	48.49	−12	+ 4	16.49	48.05	−17	− 6	36.39	42.95	+28	− 7	13.98	34.52	+31	+ 5
26	60.60	48.55	−20	+ 1	15.03	47.95	− 8	− 9	35.33	42.72	+34	− 3	13.60	34.20	+18	+ 8
27	59.07	48.60	−21	− 3	13.57	47.85	+ 5	−10	34.30	42.48	+33	+ 2	13.24	33.88	0	+10
28	57.54	48.65	−16	− 7	12.13	47.75	+19	− 9	33.28	42.24	+24	+ 6	12.91	33.56	−18	+ 9
29	56.01	48.69	− 5	− 9	10.69	47.64	+29	− 5	32.28	41.99	+ 8	+ 9	12.60	33.24	−33	+ 6
30	54.47	48.73	+ 8	− 9	9.26	47.53	+32	0	31.30	41.74	−10	+10	*)12.32	32.92	−42	+ 2
31	52.93	48.76	+21	− 7	7.84	47.41	+27	+ 4	30.34	41.49	−28	+ 8	12.07	32.60	−42	− 2
32					6.43	47.29	+15	+ 8					11.84	32.27	−36	− 6

δ	sec δ	tg δ	δ	sec δ	tg δ
+89° 2′ 30″	59.790	+59.781	+89° 2′ 40″	59.964	+59.955
40	59.964	+59.955	50	60.138	+60.130

$\alpha_{1936.0} = 18^h\ 39^m\ 14^s.71$ $\delta_{1936.0} = +89°\ 2'\ 26''.52$

*) Tag der doppelten unteren Kulmination: Dez. 30.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nk) 76 Draconis $5^{m}.69$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in 0.01 s	Januar ☾ Glieder in 0.01 "	Februar AR.	Februar Dekl.	Februar ☾ Glieder in 0.01 s	Februar ☾ Glieder in 0.01 "	März AR.	März Dekl.	März ☾ Glieder in 0.01 s	März ☾ Glieder in 0.01 "	April AR.	April Dekl.	April ☾ Glieder in 0.01 s	April ☾ Glieder in 0.01 "
	$20^h 47^m$	+ 82° 17′			$20^h 47^m$	+ 82° 17′			$20^h 47^m$	+ 82° 17′			$20^h 47^m$	+ 82° 17′		
	s	"			s	"			s	"			s	"		
1	9.91	59.41	−2	− 9	8.14	50.17	+3	+ 1	9.17	41.08	+3	+ 8	12.76	34.33	−2	+ 8
2	9.81	59.15	0	− 9	*) 8.13	49.85	+3	+ 6	9.25	40.80	+2	+11	12.91	34.19	−3	+ 4
3	9.71	58.89	+1	− 6	8.13	49.52	+3	+ 9	9.33	40.52	0	+11	13.05	34.06	−4	0
4	9.62	58.63	+3	− 2	8.13	49.20	+1	+11	9.42	40.25	−1	+ 9	13.20	33.94	−4	− 4
5	9.53	58.36	+3	+ 3	8.13	48.87	0	+10	9.51	39.98	−3	+ 6	13.35	33.82	−3	− 7
6	9.44	58.09	+3	+ 7	8.13	48.55	−2	+ 8	9.60	39.71	−4	+ 2	13.50	33.71	−2	− 8
7	9.35	57.82	+2	+10	8.14	48.22	−3	+ 4	9.69	39.44	−4	− 2	13.65	33.60	0	− 8
8	9.27	57.54	+1	+11	8.15	47.90	−4	+ 1	9.79	39.18	−3	− 5	13.80	33.50	+1	− 7
9	9.19	57.26	−1	+10	8.17	47.57	−4	− 3	9.89	38.92	−2	− 8	13.96	33.41	+3	− 5
10	9.11	56.98	−2	+ 7	8.19	47.25	−3	− 6	9.99	38.67	−1	− 9	14.11	33.32	+4	− 2
11	9.03	56.70	−3	+ 3	8.21	46.92	−2	− 8	10.09	38.42	0	− 8	14.27	33.24	+4	+ 1
12	8.96	56.41	−4	− 1	8.23	46.60	0	− 9	10.20	38.18	+2	− 7	14.43	33.17	+4	+ 4
13	8.89	56.12	−3	− 5	8.26	46.28	+1	− 8	10.31	37.94	+3	− 4	14.58	33.10	+3	+ 6
14	8.83	55.82	−3	− 7	8.29	45.96	+3	− 6	10.42	37.71	+4	− 1	14.74	33.04	+1	+ 7
15	8.77	55.52	−1	− 9	8.32	45.64	+4	− 3	10.54	37.48	+4	+ 2	14.90	32.98	0	+ 5
16	8.71	55.22	0	− 9	8.36	45.32	+4	0	10.65	37.25	+3	+ 5	15.06	32.93	−2	+ 2
17	8.65	54.92	+2	− 8	8.40	45.00	+4	+ 4	10.77	37.03	+2	+ 6	15.22	32.88	−3	− 2
18	8.59	54.62	+3	− 5	8.44	44.69	+3	+ 6	10.89	36.81	+1	+ 6	15.38	32.84	−3	− 6
19	8.54	54.31	+4	− 1	8.48	44.37	+1	+ 7	11.01	36.60	−1	+ 4	15.55	32.81	−3	− 9
20	8.49	54.00	+4	+ 2	8.53	44.06	0	+ 6	11.13	36.39	−3	+ 1	15.71	32.79	−1	−10
21	8.44	53.69	+4	+ 5	8.58	43.75	−2	+ 3	11.25	36.19	−3	− 3	15.87	32.77	0	− 8
22	8.40	53.37	+2	+ 7	8.63	43.44	−3	0	11.38	36.00	−3	− 7	16.04	32.76	+2	− 5
23	8.36	53.06	+1	+ 7	8.69	43.14	−4	− 4	11.51	35.81	−2	− 9	16.20	32.75	+3	0
24	8.32	52.74	−1	+ 6	8.75	42.84	−3	− 7	11.64	35.62	−1	− 9	16.36	32.75	+3	+ 5
25	8.29	52.42	−3	+ 2	8.81	42.54	−2	− 9	11.78	35.44	+1	− 7	16.52	32.76	+3	+ 9
26	8.26	52.11	−4	− 2	8.88	42.24	0	− 8	11.91	35.27	+2	− 2	16.69	32.77	+2	+11
27	8.23	51.79	−4	− 6	8.95	41.95	+1	− 5	12.05	35.10	+3	+ 2	16.85	32.79	0	+11
28	8.21	51.47	−3	− 8	9.02	41.66	+3	0	12.19	34.93	+3	+ 7	17.02	32.81	−2	+ 9
29	8.19	51.15	−1	− 9	9.09	41.37	+3	+ 4	12.33	34.77	+2	+10	17.18	32.84	−3	+ 6
30	8.17	50.82	0	− 7	9.17	41.08	+3	+ 8	12.47	34.62	+1	+12	17.34	32.88	−4	+ 2
31	8.15	50.50	+2	− 3					12.61	34.47	−1	+11	17.50	32.92	−4	− 2
32	8.14	50.17	+3	+ 1					12.76	34.33	−2	+ 8				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 17′ 30″	7.455	+7.388	+82° 17′ 40″	7.458	+7.391	+82° 17′ 50″	7.461	+7.393
40	7.458	+7.391	50	7.461	+7.393	60	7.463	+7.396

$\alpha_{1936.0} = 20^h\ 47^m\ 20^s.45$ $\delta_{1936.0} = +82°\ 17'\ 45''.33$

*) Tag der doppelten unteren Kulmination: Febr. 2.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$	$20^h 47^m$	+ 82° 17′	in $0^s.01$	in $0''.01$
	s	″			s	″			s	″			s	″		
1	17.50	32.92	−4	− 2	22.20	37.16	0	− 8	25.27	45.57	+3	− 2	26.15	56.57	+2	+ 7
2	17.67	32.97	−3	− 5	22.33	37.39	+1	− 6	25.34	45.90	+4	+ 1	26.13	56.94	0	+ 6
3	17.83	33.03	−2	− 7	22.46	37.62	+3	− 4	25.41	46.24	+4	+ 4	{26.12 {26.10	57.31 57.67	−1 −3	+ 4 + 1
4	17.99	33.09	−1	− 8	22.59	37.85	+4	0	25.47	46.57	+3	+ 7	26.08	58.04	−3	− 3
5	18.16	33.16	+1	− 7	22.72	38.08	+4	+ 3	25.53	46.91	+1	+ 7	26.05	58.40	−3	− 6
6	18.32	33.23	+2	− 5	22.84	38.32	+3	+ 5	25.59	47.25	0	+ 6	26.02	58.77	−2	− 9
7	18.48	33.31	+3	− 3	22.96	38.56	+2	+ 7	25.64	47.59	−2	+ 3	25.99	59.14	−1	− 9
8	18.64	33.39	+4	0	23.08	38.81	+1	+ 7	25.69	47.93	−3	0	25.96	59.50	+1	− 7
9	18.80	33.48	+4	+ 4	23.20	39.06	−1	+ 5	25.74	48.28	−3	− 4	25.93	59.87	+2	− 3
10	18.96	33.58	+3	+ 6	23.32	39.32	−2	+ 2	25.79	48.63	−3	− 8	25.89	60.23	+3	+ 1
11	19.12	33.68	+2	+ 7	23.43	39.58	−3	− 2	25.83	48.98	−2	− 9	25.85	60.59	+3	+ 6
12	19.28	33.79	0	+ 6	23.54	39.85	−3	− 6	25.87	49.33	0	− 9	25.81	60.96	+3	+ 9
13	19.43	33.91	−1	+ 3	23.65	40.12	−2	− 9	25.91	49.68	+2	− 6	25.76	61.32	+1	+11
14	19.59	34.03	−3	0	23.76	40.39	−1	−10	25.95	50.03	+3	− 2	25.71	61.68	−1	+10
15	19.74	34.16	−3	− 4	23.87	40.67	+1	− 8	25.99	50.39	+3	+ 3	25.66	62.04	−2	+ 7
16	19.90	34.29	−3	− 8	23.98	40.95	+2	− 5	26.02	50.75	+3	+ 7	25.61	62.39	−3	+ 4
17	20.05	34.43	−2	−10	24.08	41.23	+3	0	26.05	51.10	+2	+10	25.56	62.75	−4	0
18	20.20	34.58	0	−10	24.18	41.52	+3	+ 5	26.07	51.46	0	+11	25.50	63.11	−4	− 4
19	20.35	34.73	+1	− 7	24.28	41.81	+3	+ 9	26.09	51.82	−1	+ 9	25.44	63.46	−3	− 7
20	20.50	34.89	+3	− 2	24.38	42.11	+1	+11	26.11	52.19	−3	+ 6	25.38	63.81	−1	− 8
21	20.65	35.05	+3	+ 2	24.47	42.41	0	+10	26.13	52.55	−4	+ 2	25.31	64.16	0	− 8
22	20.80	35.21	+3	+ 7	24.56	42.71	−2	+ 8	26.15	52.91	−4	− 2	25.24	64.51	+1	− 7
23	20.94	35.38	+2	+10	24.65	43.02	−3	+ 5	26.16	53.28	−3	− 5	25.17	64.86	+3	− 4
24	21.09	35.56	+1	+11	24.74	43.33	−4	+ 1	26.17	53.64	−2	− 7	25.10	65.21	+3	− 1
25	21.23	35.74	−1	+10	24.83	43.64	−4	− 3	26.18	54.00	−1	− 8	25.02	65.55	+4	+ 2
26	21.38	35.93	−3	+ 7	24.91	43.95	−3	− 6	26.18	54.37	+1	− 7	24.94	65.89	+4	+ 4
27	21.52	36.12	−4	+ 4	24.99	44.27	−2	− 8	26.18	54.73	+2	− 6	24.86	66.23	+3	+ 6
28	21.66	36.32	−4	− 1	25.06	44.59	0	− 8	26.18	55.10	+3	− 3	24.77	66.57	+1	+ 6
29	21.80	36.52	−4	− 4	25.13	44.91	+1	− 7	26.18	55.47	+4	0	24.69	66.91	0	+ 5
30	21.94	36.73	−3	− 7	25.20	45.24	+2	− 5	26.17	55.84	+4	+ 3	24.60	67.24	−2	+ 2
31	22.07	36.94	−1	− 8	25.27	45.57	+3	− 2	26.16	56.20	+3	+ 5	24.51	67.57	−3	− 1
32	22.20	37.16	0	− 8					26.15	56.57	+2	+ 7	24.42	67.90	−3	− 5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 17′ 30″	7.455	+7.388	+82° 17′ 40″	7.458	+7.391	+82° 18′ 0″	7.463	+7.396
40	7.458	+7.391	50	7.461	+7.393	10	7.466	+7.399

$\alpha_{1936.0} = 20^h\ 47^m\ 20^s.45$ $\delta_{1936.0} = +82°\ 17'\ 45''.33$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Nk) 76 Draconis $5^m.69$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	
	$20^h 47^m$	$+82° 18'$	in $0^s.01$	in $0''.01$	$20^h 47^m$	$+82° 18'$	in $0^s.01$	in $0''.01$
	s	"			s	"		
1	24.42	7.90	−3	−5	20.75	16.36	−1	−9
2	24.32	8.22	−3	−8	20.60	16.58	+1	−6
3	24.23	8.54	−2	−9	20.45	16.80	+3	−2
4	24.13	8.86	0	−8	20.30	17.02	+3	+3
5	24.03	9.18	+2	−5	20.15	17.23	+3	+7
6	23.93	9.50	+3	0	20.00	17.44	+2	+10
7	23.82	9.81	+3	+5	19.84	17.64	0	+11
8	23.72	10.12	+3	+9	19.68	17.84	−1	+10
9	23.61	10.43	+2	+11	19.53	18.03	−3	+7
10	23.50	10.74	0	+11	19.37	18.22	−4	+3
11	23.39	11.04	−2	+9	19.21	18.40	−4	−1
12	23.27	11.34	−3	+5	19.05	18.58	−4	−4
13	23.16	11.64	−4	+1	18.89	18.76	−3	−7
14	23.04	11.93	−4	−3	18.73	18.93	−1	−8
15	22.92	12.22	−3	−6	18.56	19.10	0	−7
16	22.80	12.51	−2	−7	18.39	19.26	+2	−6
17	22.67	12.79	−1	−8	18.23	19.41	+3	−3
18	22.55	13.07	+1	−7	18.06	19.56	+3	0
19	22.42	13.34	+2	−5	17.89	19.71	+4	+3
20	22.29	13.61	+3	−2	17.72	19.85	+3	+5
21	22.16	13.88	+4	0	17.56	19.98	+2	+6
22	22.02	14.15	+4	+3	17.39	20.11	+1	+6
23	21.89	14.41	+3	+5	17.22	20.24	0	+4
24	21.75	14.67	+2	+6	17.05	20.36	−2	+1
25	21.61	14.92	0	+5	16.88	20.47	−3	−3
26	21.47	15.17	−1	+3	16.71	20.58	−3	−7
27	21.33	15.42	−3	0	16.54	20.68	−2	−9
28	21.18	15.66	−3	−4	16.37	20.78	−1	−10
29	21.04	15.90	−3	−7	16.20	20.87	+1	−8
30	20.89	16.13	−2	−9	16.02	20.96	+2	−5
31	20.75	16.36	−1	−9	15.85	21.04	+3	0
32					15.68	21.12	+3	+5

Tag	November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$20^h 47^m$	$+82° 18'$	in $0^s.01$	in $0''.01$	$20^h 47^m$	$+82° 18'$	in $0^s.01$	in $0''.01$
	s	"			s	"		
1	15.68	21.12	+3	+5	10.61	20.71	0	+11
2	15.50	21.19	+3	+9	10.45	20.61	−1	+10
3	15.33	21.25	+1	+11	10.30	20.50	−3	+6
4	15.16	21.31	−1	+11	10.14	20.38	−4	+2
5	14.99	21.36	−2	+9	9.98	20.26	−4	−2
6	14.81	21.41	−4	+5	9.83	20.13	−4	−5
7	14.64	21.45	−4	+1	9.68	20.00	−2	−7
8	14.46	21.49	−4	−3	9.53	19.86	−1	−7
9	14.29	21.52	−3	−6	9.38	19.71	0	−6
10	14.12	21.54	−2	−7	9.23	19.56	+2	−4
11	13.95	21.56	0	−7	9.09	19.41	+3	−2
12	13.77	21.57	+1	−6	8.95	19.25	+3	+1
13	13.60	21.58	+2	−4	8.81	19.09	+3	+4
14	13.43	21.58	+3	−1	8.67	18.92	+3	+6
15	13.26	21.58	+3	+2	8.53	18.74	+2	+7
16	13.09	21.57	+3	+4	8.40	18.56	0	+6
17	12.92	21.55	+3	+6	8.27	18.38	−1	+4
18	12.75	21.53	+1	+6	8.14	18.19	−2	+1
19	12.58	21.50	0	+5	8.01	17.99	−3	−3
20	12.41	21.47	−2	+2	7.88	17.79	−3	−7
21	12.24	21.43	−3	−1	7.76	17.59	−2	−9
22	12.08	21.38	−3	−5	7.64	17.38	−1	−10
23	11.91	21.33	−3	−9	7.52	17.16	+1	−8
24	11.74	21.27	−1	−10	7.40	16.94	+3	−5
25	11.58	21.21	0	−10	7.28	16.72	+4	0
26	11.41	21.14	+2	−7	7.17	16.49	+3	+5
27	11.25	21.06	+3	−2	7.06	16.26	+3	+9
28	11.09	20.98	+3	+3	6.95	16.02	+1	+10
29	10.93	20.90	+3	+7	6.85	15.78	−1	+10
30	10.77	20.81	+2	+10	6.74	15.53	−2	+8
31	10.61	20.71	0	+11	6.64	15.28	−4	+4
32					6.54	15.02	−4	0

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
+82° 18′ 0″	7.463	+7.396	+82° 18′ 10″	7.466	+7.399	+82° 18′ 20″	7.469	+7.402
10	7.466	+7.399	20	7.469	+7.402	30	7.471	+7.404

$\alpha_{1936.0} = 20^h\ 47^m\ 20^s.45$ $\delta_{1936.0} = +82°\ 17'\ 45''.33$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sa) Octantis 4 G. $5^m.63$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$1^h\ 40^m$	— 85° 5′	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	— 85° 5′	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	— 85° 5′	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	— 85° 5′	in $0^s.01$	in $0''.01$
1	$57^s.71$	$49''.31$	+7	0	$49^s.40$	$47''.16$	−4	−7	$42^s.78$	$40''.42$	−8	−2	$38^s.39$	$29''.92$	−1	+10
2	57.45	49.33	+5	−4	49.14	46.99	−7	−5	42.59	40.12	−8	+2	38.31	29.55	+1	+11
3	57.18	49.35	+2	−7	48.89	46.82	−8	−1	42.40	39.82	−6	+6	38.23	29.17	+4	+9
4	56.91	49.36	−2	−8	48.63	46.65	−7	+3	42.21	39.52	−3	+9	38.15	28.80	+6	+7
5	56.65	49.37	−5	−7	48.38	46.47	−5	+7	42.03	39.21	0	+10	38.08	28.43	+6	+3
6	56.38	49.37	−7	−4	48.13	46.28	−2	+9	41.85	38.90	+3	+10	38.01	28.05	+6	−1
7	56.11	49.36	−7	0	47.88	46.09	+1	+10	41.67	38.59	+5	+8	37.94	27.68	+4	−5
8	55.84	49.34	−6	+5	47.64	45.90	+4	+9	41.50	38.27	+6	+5	37.88	27.30	+2	−8
9	55.56	49.32	−4	+8	47.39	45.70	+6	+7	41.33	37.95	+6	+1	37.82	26.92	0	−10
10	55.29	49.29	−1	+10	47.15	45.49	+6	+3	41.16	37.63	+6	−3	37.77	26.55	−3	−10
11	55.02	49.26	+2	+10	46.92	45.28	+6	−1	41.00	37.30	+4	−7	37.72	26.17	−5	−9
12	54.74	49.22	+4	+8	46.68	45.07	+5	−5	40.84	36.97	+2	−9	37.68	25.80	−6	−6
13	54.47	49.17	+6	+5	46.44	44.85	+3	−8	40.68	36.64	−1	−10	37.64	25.42	−6	−3
14	54.20	49.12	+6	+2	46.21	44.62	0	−10	40.53	36.30	−4	−10	37.60	25.04	−4	+1
15	53.92	49.06	+6	−2	45.98	44.39	−2	−11	40.38	35.97	−5	−8	37.56	24.66	−2	+4
16	53.65	49.00	+4	−6	45.74	44.16	−4	−10	40.23	35.63	−6	−5	37.53	24.29	+2	+7
17	53.38	48.93	+2	−9	45.51	43.92	−6	−7	40.09	35.29	−5	−1	*)37.51	23.91	+5	+7
18	53.11	48.85	−1	−10	45.29	43.67	−6	−3	39.95	34.94	−3	+3	37.49	23.53	+7	+5
19	52.84	48.77	−3	−11	45.06	43.42	−5	+1	39.82	34.59	0	+6	37.47	23.15	+7	+1
20	52.57	48.68	−5	−9	44.84	43.17	−2	+5	39.69	34.24	+3	+7	37.45	22.78	+6	−3
21	52.30	48.59	−6	−5	44.62	42.91	+1	+8	39.56	33.89	+5	+7	37.44	22.40	+3	−6
22	52.03	48.49	−6	−1	44.41	42.65	+4	+8	39.44	33.54	+7	+4	37.44	22.03	0	−8
23	51.76	48.38	−4	+3	44.20	42.39	+6	+6	39.32	33.19	+7	0	37.44	21.65	−4	−7
24	51.50	48.27	−1	+7	43.99	42.12	+7	+3	39.20	32.83	+5	−3	37.44	21.28	−6	−5
25	51.23	48.15	+2	+9	43.78	41.85	+6	−1	39.08	32.47	+2	−6	37.44	20.90	−8	−1
26	50.97	48.03	+5	+8	43.57	41.57	+4	−4	38.97	32.11	−2	−7	37.45	20.53	−7	+3
27	50.70	47.90	+7	+6	43.37	41.29	+1	−7	38.86	31.75	−5	−6	37.47	20.15	−6	+7
28	50.44	47.76	+7	+2	43.17	41.00	−3	−7	38.76	31.39	−7	−3	37.49	19.78	−3	+10
29	50.18	47.62	+6	−2	42.97	40.71	−6	−5	38.66	31.02	−8	+1	37.51	19.41	0	+11
30	49.92	47.47	+3	−6	42.78	40.42	−8	−2	38.57	30.66	−7	+5	37.53	19.04	+3	+10
31	49.66	47.32	−1	−7					38.48	30.29	−4	+8	37.56	18.67	+5	+8
32	49.40	47.16	−4	−7					38.39	29.92	−1	+10				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 5′ 10″	11.674	−11.631	−85° 5′ 20″	11.681	−11.638	−85° 5′ 40″	11.694	−11.651
20	11.681	−11.638	30	11.687	−11.645	50	11.701	−11.658

$\alpha_{1936.0} = 1^h\ 40^m\ 53^s.45$ $\delta_{1936.0} = -85°\ 5'\ 36''.48$

*) Tag der doppelten unteren Kulmination: April 17.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sa) Octantis 4 G. $5^m.63$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$1^h\,40^m$	— 85° 5′	in $0^s.01$	$0''.01$	$1^h\,40^m$	— 85° 5′	in $0^s.01$	$0''.01$	$1^h\,40^m$	— 85° 4′	in $0^s.01$	$0''.01$	$1^h\,40^m$	— 85° 4′	in $0^s.01$	$0''.01$
1	$37^s.56$	$18''.67$	+5	+ 8	$40^s.36$	$8''.28$	+4	− 5	$45^s.95$	$61''.46$	−3	− 9	$53^s.24$	$59''.37$	−5	0
2	37.60	18.31	+6	+ 5	40.51	7.99	+1	− 8	46.17	61.31	−4	− 8	53.48	59.40	−3	+ 4
3	37.64	17.94	+6	+ 1	40.66	7.70	−1	− 9	46.39	61.16	−6	− 6	53.72	59.43	−1	+ 6
4	37.68	17.58	+5	− 3	40.81	7.42	−3	− 9	46.62	61.02	−6	− 2	53.95	59.47	+2	+ 8
5	37.72	17.21	+3	− 6	40.97	7.14	−5	− 8	46.84	60.89	−5	+ 1	54.19	59.51	+5	+ 7
6	37.77	16.85	+1	− 9	41.13	6.87	−6	− 5	47.07	60.76	−2	+ 5	54.43	59.56	+7	+ 4
7	37.82	16.49	−2	−10	41.29	6.60	−6	− 1	47.30	60.63	+1	+ 7	54.67	59.62	+7	0
8	37.88	16.13	−4	− 9	41.45	6.33	−4	+ 3	47.53	60.51	+4	+ 8	54.90	59.68	+5	− 4
9	37.94	15.77	−6	− 7	41.62	6.07	−1	+ 6	47.76	60.40	+6	+ 6	55.13	59.75	+2	− 7
10	38.01	15.42	−6	− 4	41.79	5.81	+2	+ 7	47.99	60.29	+7	+ 3	55.36	59.82	−1	− 8
11	38.08	15.07	−5	0	41.96	5.56	+5	+ 7	48.22	60.19	+6	− 2	55.58	59.90	−4	− 7
12	38.15	14.72	−3	+ 4	42.14	5.31	+7	+ 4	48.46	60.09	+4	− 5	55.81	59.98	−7	− 4
13	38.23	14.38	0	+ 6	42.32	5.07	+7	0	48.69	60.00	+1	− 8	56.04	60.07	−8	0
14	38.31	14.03	+3	+ 7	42.50	4.83	+6	− 4	48.92	59.91	−3	− 8	56.26	60.17	−7	+ 4
15	38.39	13.69	+6	+ 6	42.68	4.59	+3	− 7	49.16	59.83	−6	− 7	56.49	60.27	−4	+ 8
16	38.48	13.35	+7	+ 3	42.87	4.36	0	− 9	49.40	59.76	−7	− 3	56.71	60.38	−1	+10
17	38.57	13.01	+7	− 2	43.06	4.13	−4	− 8	49.64	59.69	−7	+ 1	56.93	60.50	+2	+10
18	38.67	12.67	+5	− 5	43.25	3.91	−6	− 6	49.88	59.63	−6	+ 6	57.15	60.62	+4	+ 9
19	38.77	12.34	+2	− 8	43.45	3.69	−8	− 1	50.12	59.57	−3	+ 9	57.36	60.74	+6	+ 6
20	38.87	12.01	−2	− 8	43.65	3.47	−7	+ 3	50.36	59.52	0	+10	57.58	60.87	+6	+ 2
21	38.97	11.68	−5	− 7	43.85	3.26	−5	+ 7	50.60	59.48	+3	+10	57.79	61.01	+6	− 1
22	39.08	11.36	−7	− 3	44.05	3.06	−2	+10	50.84	59.44	+5	+ 8	58.00	61.15	+4	− 5
23	39.19	11.04	−7	+ 1	44.26	2.86	+1	+11	51.08	59.40	+6	+ 5	58.21	61.29	+2	− 8
24	39.31	10.72	−6	+ 6	44.46	2.67	+4	+10	51.32	59.37	+6	+ 1	58.41	61.44	−1	− 9
25	39.43	10.40	−4	+ 9	44.67	2.48	+5	+ 7	51.56	59.35	+5	− 3	58.62	61.60	−3	−10
26	39.55	10.09	−1	+11	44.88	2.30	+6	+ 4	51.80	59.34	+3	− 6	58.82	61.76	−5	− 8
27	39.68	9.78	+2	+11	45.09	2.12	+6	0	52.04	59.33	+1	− 9	59.02	61.93	−6	− 6
28	39.81	9.47	+4	+ 9	45.30	1.95	+4	− 4	52.28	59.33	−2	−10	59.22	62.10	−5	− 2
29	39.94	9.17	+6	+ 6	45.52	1.78	+2	− 7	52.52	59.33	−4	− 9	59.41	62.28	−4	+ 1
30	40.08	8.87	+6	+ 2	45.73	1.62	0	− 9	52.76	59.34	−5	− 7	59.60	62.46	−2	+ 5
31	40.22	8.57	+5	− 2	45.95	1.46	−3	− 9	53.00	59.35	−6	− 4	59.79	62.65	+1	+ 7
32	40.36	8.28	+4	− 5					53.24	59.37	−5	0	59.98	62.84	+4	+ 7

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 4′ 50″	11.661	−11.618	−85° 5′ 0″	11.668	−11.625	−85° 5′ 10″	11.674	−11.631
60	11.668	−11.625	10	11.674	−11.631	20	11.681	−11.638

$\alpha_{1936.0} = 1^h\ 40^m\ 53^s.45$ $\delta_{1936.0} = -85°\ 5'\ 36''.48$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sa) Octantis 4 G. 5ᵐ.63

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$1^h\ 40^m$	$-85°\ 5'$	in $0^s.01$	in $0''.01$	$1^h\ 41^m$	$-85°\ 5'$	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	$-85°\ 5'$	in $0^s.01$	in $0''.01$	$1^h\ 40^m$	$-85°\ 5'$	in $0^s.01$	in $0''.01$
1	59.98	2.84	+4	+7	3.89	10.55	+7	−1	63.69	20.72	−6	−5	59.27	28.66	−6	+6
2	60.16	3.04	+6	+5	3.96	10.86	+5	−4	63.60	21.03	−7	−1	59.06	28.86	−3	+10
3	60.34	3.25	+7	+2	4.02	11.16	+2	−7	63.51	21.33	−7	+4	58.85	29.06	0	+12
4	60.52	3.46	+6	−2	4.08	11.47	−2	−8	63.41	21.63	−5	+8	58.64	29.25	+3	+11
5	60.69	3.67	+3	−5	4.13	11.78	−5	−6	63.31	21.93	−2	+11	58.43	29.44	+5	+9
6	60.86	3.89	0	−7	4.18	12.09	−7	−3	63.20	22.23	+1	+12	58.21	29.62	+6	+6
7	61.03	4.11	−3	−7	4.22	12.41	−8	+1	63.09	22.53	+4	+11	57.99	29.79	+6	+2
8	61.19	4.33	−6	−5	4.26	12.72	−6	+6	62.98	22.83	+5	+8	57.77	29.96	+5	−2
9	61.35	4.56	−7	−2	4.29	13.04	−4	+9	62.86	23.12	+6	+4	57.54	30.13	+3	−5
10	61.51	4.80	−7	+3	4.32	13.36	−1	+11	62.74	23.41	+5	0	57.31	30.29	0	−7
11	61.66	5.04	−5	+7	4.34	13.67	+2	+11	62.62	23.70	+4	−3	57.08	30.44	−2	−8
12	61.81	5.28	−3	+10	4.36	13.99	+5	+9	62.49	23.98	+2	−6	56.85	30.59	−4	−8
13	61.95	5.52	0	+11	4.38	14.31	+6	+6	62.36	24.26	−1	−8	56.61	30.74	−5	−6
14	62.09	5.77	+3	+10	4.39	14.63	+6	+2	62.22	24.54	−3	−9	56.37	30.88	−6	−3
15	62.23	6.03	+5	+8	4.40	14.96	+5	−2	62.08	24.81	−4	−8	56.13	31.01	−5	0
16	62.37	6.29	+6	+4	4.40 4.40	15.28 15.61	+3 +1	−5 −8	61.93	25.08	−6	−6	55.89	31.13	−3	+3
17	62.50	6.55	+6	0	4.39	15.93	−1	−9	61.78	25.35	−6	−3	55.64	31.25	−1	+5
18	62.63	6.81	+5	−3	4.38	16.26	−3	−9	61.63	25.61	−4	+1	55.39	31.36	+2	+6
19	62.75	7.08	+3	−7	4.36	16.58	−5	−8	61.47	25.87	−2	+4	55.14	31.47	+5	+5
20	62.87	7.35	0	−9	4.34	16.90	−6	−5	61.31	26.13	+1	+6	54.89	31.57	+7	+3
21	62.98	7.63	−2	−10	4.31	17.22	−5	−2	61.14	26.38	+4	+6	54.64	31.67	+7	−1
22	63.09	7.91	−4	−9	4.28	17.55	−4	+1	60.97	26.63	+6	+4	54.39	31.76	+6	−5
23	63.20	8.19	−5	−7	4.24	17.87	−1	+4	60.79	26.88	+7	+1	54.13	31.84	+3	−8
24	63.30	8.48	−6	−4	4.20	18.19	+2	+6	60.61	27.12	+7	−3	53.87	31.92	−1	−9
25	63.40	8.77	−5	0	4.15	18.51	+5	+5	60.43	27.35	+4	−6	53.61	31.99	−4	−8
26	63.49	9.06	−3	+3	4.10	18.83	+7	+3	60.25	27.58	+1	−9	53.35	32.06	−6	−5
27	63.58	9.36	0	+5	4.05	19.15	+7	0	60.06	27.80	−2	−9	53.09	32.12	−7	−1
28	63.66	9.65	+3	+6	3.99	19.47	+6	−4	59.87	28.02	−5	−7	52.83	32.17	−6	+4
29	63.74	9.95	+6	+5	3.92	19.78	+3	−7	59.67	28.24	−7	−3	52.57	32.21	−4	+8
30	63.82	10.25	+7	+3	3.85	20.10	0	−8	59.47	28.45	−7	+2	52.30	32.25	−1	+11
31	63.89	10.55	+7	−1	3.77	20.41	−4	−8	59.27	28.66	−6	+6	52.03	32.28	+2	+11
32					3.69	20.72	−6	−5					51.77	32.31	+4	+10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 5′ 0″	11.668	−11.625	−85° 5′ 10″	11.674	−11.631	−85° 5′ 30″	11.687	−11.645
10	11.674	−11.631	20	11.681	−11.638	40	11.694	−11.651

$\alpha_{1936.0} = 1^h\ 40^m\ 53^s.45$ $\delta_{1936.0} = -85°\ 5'\ 36''.48$

Sb) ξ Mensae $5^{m}.85$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$5^{h}\ 6^{m}$	— $82^{\circ}\ 33'$	in $0^{s}.01$	$0''.01$	$5^{h}\ 6^{m}$	— $82^{\circ}\ 33'$	in $0^{s}.01$	$0''.01$	$5^{h}\ 5^{m}$	— $82^{\circ}\ 33'$	in $0^{s}.01$	$0''.01$	$5^{h}\ 5^{m}$	— $82^{\circ}\ 33'$	in $0^{s}.01$	$0''.01$
1	^{s}12.63	$''$37.31	+2	+ 7	^{s}8.39	$''$44.84	0	− 8	^{s}62.99	$''$47.59	−2	− 9	^{s}57.05	$''$45.62	−4	+ 4
2	12.53	37.61	+3	+ 2	8.22	45.01	−1	− 9	62.79	47.61	−3	− 7	56.87	45.47	−3	+ 7
3	12.43	37.91	+3	− 3	8.05	45.17	−3	− 8	62.59	47.62	−4	− 3	56.69	45.32	−1	+ 9
4	12.32	38.21	+1	− 7	7.88	45.33	−4	− 6	62.40	47.62	−4	+ 1	56.51	45.17	0	+ 9
5	12.22	38.50	0	− 9	7.71	45.48	−4	− 2	62.20	47.62	−3	+ 5	56.34	45.02	+1	+ 8
6	12.11	38.79	−2	− 9	7.53	45.63	−3	+ 2	62.00	47.61	−2	+ 8	56.17	44.86	+2	+ 5
7	12.00	39.07	−3	− 8	7.35	45.77	−3	+ 6	61.81	47.60	−1	+ 9	55.99	44.69	+3	+ 2
8	11.88	39.35	−4	− 4	7.17	45.91	−1	+ 8	61.61	47.58	+1	+ 9	55.82	44.52	+3	− 2
9	11.76	39.63	−4	0	6.99	46.04	0	+ 9	61.42	47.56	+2	+ 7	55.65	44.35	+3	− 5
10	11.64	39.91	−3	+ 4	6.81	46.17	+1	+ 8	61.22	47.53	+3	+ 4	55.48	44.17	+2	− 8
11	11.52	40.18	−2	+ 7	6.62	46.29	+3	+ 6	61.03	47.50	+3	+ 1	55.31	43.99	+1	−10
12	11.39	40.44	−1	+ 9	6.44	46.41	+3	+ 3	60.83	47.46	+3	− 3	55.15	43.80	0	− 9
13	11.26	40.70	0	+ 9	6.25	46.52	+3	− 1	60.64	47.41	+3	− 7	54.99	43.61	−1	− 7
14	11.13	40.96	+2	+ 8	6.07	46.63	+3	− 5	60.44	47.36	+2	− 9	54.83	43.41	−2	− 4
15	11.00	41.22	+3	+ 5	5.88	46.73	+2	− 8	60.25	47.31	+1	−10	54.67	43.21	−2	+ 1
16	10.87	41.47	+3	+ 1	5.69	46.82	+1	−10	60.05	47.25	−1	− 9	54.51	43.01	−1	+ 5
17	10.73	41.71	+3	− 2	5.50	46.91	0	−10	59.86	47.18	−2	− 6	54.35	42.80	0	+ 8
18	10.59	41.95	+3	− 6	5.31	47.00	−1	− 8	59.66	47.11	−2	− 2	54.20	42.59	+1	+ 9
19	10.44	42.19	+2	− 9	5.12	47.08	−2	− 4	59.47	47.04	−2	+ 3	54.05	42.37	+2	+ 8
20	10.30	42.42	+1	−10	4.93	47.15	−2	0	59.27	46.96	−1	+ 7	53.90	42.15	+3	+ 5
21	10.15	42.65	−1	− 9	4.73	47.22	−2	+ 5	59.08	46.88	0	+ 9	53.75	41.93	+3	0
22	9.99	42.88	−2	− 6	4.54	47.28	−1	+ 8	58.89	46.79	+1	+ 9	53.60	41.70	+2	− 4
23	9.84	43.10	−3	− 2	4.35	47.34	0	+10	58.70	46.69	+2	+ 7	53.46	41.47	+1	− 8
24	9.69	43.31	−3	+ 2	4.16	47.39	+2	+ 9	58.52	46.59	+3	+ 4	53.31	41.24	−1	− 9
25	9.53	43.52	−2	+ 7	3.96	47.44	+3	+ 6	58.33	46.49	+3	− 1	53.17	41.00	−2	− 8
26	9.37	43.72	−1	+ 9	3.77	47.48	+3	+ 2	58.14	46.38	+1	− 6	53.03	40.76	−4	− 6
27	9.22	43.92	+1	+10	3.57	47.52	+2	− 3	57.96	46.26	0	− 8	52.89	40.52	−4	− 2
28	9.06	44.11	+2	+ 8	3.38	47.55	+1	− 7	57.77	46.14	−2	− 9	52.76	40.27	−4	+ 2
29	8.89	44.30	+3	+ 4	3.18	47.57	−1	− 9	57.59	46.02	−3	− 8	52.63	40.02	−3	+ 6
30	8.73	44.48	+3	0	2.99	47.59	−2	− 9	57.41	45.89	−4	− 6	52.50	39.76	−2	+ 8
31	8.56	44.66	+2	− 5					57.23	45.76	−4	− 1	52.37	39.50	0	+
32	8.39	44.84	0	− 8					57.05	45.62	−4	+ 4				

δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 33′ 30″	7.721	−7.656	−82° 33′ 40″	7.724	−7.659
40	7.724	−7.659	50	7.727	−7.662

$\alpha_{1936.0} = 5^{h}\ 6^{m}\ 5^{s}.11$ $\delta_{1936.0} = -82^{\circ}\ 33'\ 32''.37$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sb) ξ Mensae $5^{\mathrm{m}}.85$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$5^{h}\ 5^{m}$	— 82° 33′	in $0.^{s}01$	in $0.''01$	$5^{h}\ 5^{m}$	— 82° 33′	in $0.^{s}01$	in $0.''01$	$5^{h}\ 5^{m}$	— 82° 33′	in $0.^{s}01$	in $0.''01$	$5^{h}\ 5^{m}$	— 82° 33′	in $0.^{s}01$	in $0.''01$
	s	"			s	"			s	"			s	"		
1	52.37	39.50	0	+9	49.65	30.28	+3	+1	49.56	20.50	+2	−7	52.07	11.99	−2	−5
2	52.25	39.24	+1	+9	49.60	29.96	+3	−3	49.60	20.19	+1	−9	52.19	11.77	−2	−1
3	52.13	38.97	+2	+7	49.56	29.63	+2	−6	49.65	19.88	0	−9	52.31	11.56	−2	+3
4	52.01	38.71	+3	+4	49.52	29.31	+1	−8	49.70	19.57	−2	−7	52.43	11.35	−1	+7
5	51.89	38.44	+3	0	49.48	28.98	0	−9	49.75	19.26	−2	−4	52.55	11.14	0	+9
6	51.77	38.17	+3	−4	49.45	28.65	−1	−9	49.80	18.95	−2	0	52.68	10.94	+1	+9
7	51.65	37.89	+2	−7	49.42	28.32	−2	−6	49.85	18.65	−2	+5	52.81	10.74	+2	+7
8	51.54	37.61	+1	−9	*)49.39	27.99	−2	−2	49.91	18.35	−1	+8	52.94	10.55	+3	+3
9	51.43	37.33	0	−9	49.37	27.66	−2	+2	49.97	18.05	0	+9	53.07	10.36	+3	−1
10	51.32	37.04	−1	−8	49.35	27.33	−1	+6	50.03	17.75	+2	+9	53.20	10.18	+2	−5
11	51.22	36.75	−2	−5	49.33	27.00	0	+9	50.10	17.46	+3	+6	53.34	10.00	0	−9
12	51.12	36.46	−2	−1	49.31	26.67	+1	+9	50.17	17.17	+3	+1	53.47	9.83	−1	−9
13	51.02	36.17	−2	+4	49.30	26.34	+3	+8	50.24	16.88	+3	−3	53.61	9.66	−3	−8
14	50.92	35.88	−1	+7	49.29	26.01	+3	+4	50.32	16.59	+1	−7	53.75	9.50	−4	−5
15	50.82	35.59	+1	+9	49.28	25.68	+3	−1	50.40	16.31	0	−9	53.89	9.34	−4	0
16	50.73	35.29	+2	+9	49.28	25.35	+2	−5	50.48	16.03	−2	−9	54.04	9.19	−3	+4
17	50.64	34.99	+3	+6	49.28	25.02	+1	−9	50.56	15.75	−3	−7	54.19	9.04	−2	+7
18	50.56	34.69	+3	+2	49.28	24.69	−1	−10	50.64	15.47	−4	−3	54.33	8.90	−1	+9
19	50.48	34.39	+3	−2	49.28	24.36	−2	−8	50.73	15.20	−4	+1	54.48	8.76	0	+9
20	50.40	34.08	+1	−6	49.29	24.03	−3	−6	50.82	14.93	−3	+5	54.63	8.63	+1	+8
21	50.32	33.77	0	−9	49.30	23.71	−4	−1	50.91	14.67	−2	+8	54.78	8.51	+2	+5
22	50.24	33.46	−2	−9	49.31	23.38	−4	+3	51.00	14.41	−1	+9	54.93	8.39	+3	+1
23	50.17	33.15	−3	−7	49.33	23.06	−3	+7	51.10	14.15	+1	+9	55.08	8.28	+3	−2
24	50.10	32.84	−4	−4	49.35	22.73	−2	+9	51.20	13.89	+2	+7	55.23	8.17	+3	−5
25	50.03	32.53	−4	0	49.37	22.41	0	+9	51.30	13.64	+3	+4	55.39	8.07	+2	−8
26	49.97	32.21	−4	+4	49.39	22.09	+1	+8	51.40	13.39	+3	0	55.54	7.98	+1	−9
27	49.91	31.89	−2	+8	49.42	21.77	+2	+6	51.51	13.15	+3	−3	55.70	7.89	0	−9
28	49.85	31.57	−1	+9	49.45	21.45	+3	+2	51.62	12.91	+2	−6	55.85	7.81	−1	−7
29	49.80	31.25	0	+9	49.48	21.13	+3	−1	51.73	12.67	+1	−9	56.01	7.73	−2	−3
30	49.75	30.93	+1	+8	49.52	20.81	+3	−5	51.84	12.44	0	−9	56.17	7.66	−2	+1
31	49.70	30.61	+2	+5	49.56	20.50	+2	−7	51.95	12.21	−1	−8	56.33	7.59	−1	+5
32	49.65	30.28	+3	+1					52.07	11.99	−2	−5	56.49	7.53	0	+8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 33′ 0″	7.712	−7.647	−82° 33′ 10″	7.715	−7.650	−82° 33′ 30″	7.721	−7.656
10	7.715	−7.650	20	7.718	−7.653	40	7.724	−7.659

$\alpha_{1936.0} = 5^{h}\ 6^{m}\ 5^{s}.11$ $\delta_{1936.0} = -82°\ 33'\ 32''.37$

*) Tag der doppelten unteren Kulmination: Juni 8.

Sb) ξ Mensae $5^m_{\cdot}85$

Tag	September AR.	September Dekl.	September ☾ Glieder in $0^s.01$	September ☾ Glieder in $0''.01$	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder in $0^s.01$	Oktober ☾ Glieder in $0''.01$	November AR.	November Dekl.	November ☾ Glieder in $0^s.01$	November ☾ Glieder in $0''.01$	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder in $0^s.01$	Dezember ☾ Glieder in $0''.01$
	$5^h\ 5^m$	−82° 33′			$5^h\ 6^m$	−82° 33′			$5^h\ 6^m$	−82° 33′			$5^h\ 6^m$	−82° 33′		
1	56.49	7.53	0	+8	1.34	8.62	+3	+6	5.32	15.24	+1	−8	6.83	25.08	−3	−7
2	56.65	7.48	+1	+9	1.50	8.75	+3	+2	5.41	15.53	−1	−9	6.83	25.43	−4	−3
3	56.81	7.43	+2	+8	1.65	8.89	+3	−2	5.50	15.82	−3	−8	6.83	25.78	−4	+2
4	56.98	7.39	+3	+5	1.80	9.03	+1	−6	5.59	16.12	−4	−5	6.82	26.13	−3	+6
5	57.14	7.35	+3	+1	1.95	9.18	0	−9	5.68	16.42	−4	−1	6.81	26.49	−2	+8
6	57.30	7.32	+2	−4	2.10	9.33	−2	−9	5.76	16.72	−4	+3	6.80	26.84	−1	+10
7	57.47	7.30	+1	−7	2.25	9.49	−3	−7	5.84	17.03	−3	+7	6.79 6.77	27.19 27.54	0 +2	+9 +7
8	57.63	7.28	−1	−9	2.39	9.66	−4	−4	5.91	17.34	−2	+9	6.75	27.89	+2	+4
9	57.79	7.27	−2	−9	2.54	9.83	−4	+1	5.98	17.65	0	+10	6.72	28.24	+2	0
10	57.96	7.27	−4	−6	2.68	10.01	−4	+5	6.05	17.97	+1	+8	6.69	28.58	+2	−4
11	58.12	7.27	−4	−2	2.82	10.19	−2	+8	6.12	18.29	+2	+5	6.66	28.93	+2	−6
12	58.28	7.28	−4	+2	2.96	10.38	−1	+9	6.19	18.61	+3	+2	6.62	29.28	+1	−8
13	58.45	7.29	−3	+6	3.09	10.58	0	+9	6.25	18.93	+3	−2	6.58	29.62	0	−9
14	58.61	7.31	−2	+9	3.23	10.78	+2	+7	6.31	19.25	+2	−5	6.54	29.97	−1	−8
15	58.78	7.33	0	+10	3.36	10.99	+2	+4	6.37	19.58	+2	−7	6.50	30.31	−2	−5
16	58.94	7.36	+1	+9	3.49	11.20	+3	+1	6.42	19.91	+1	−9	6.45	30.65	−2	−2
17	59.10	7.40	+2	+6	3.62	11.41	+3	−3	6.47	20.24	0	−9	6.40	30.99	−2	+2
18	59.27	7.45	+3	+3	3.75	11.63	+2	−6	6.52	20.58	−1	−7	6.34	31.32	−1	+6
19	59.43	7.50	+3	−1	3.87	11.86	+1	−8	6.56	20.92	−2	−4	6.28	31.66	0	+8
20	59.59	7.56	+3	−4	4.00	12.09	0	−9	6.60	21.26	−2	0	6.22	31.99	+2	+8
21	59.76	7.62	+2	−7	4.12	12.33	−1	−8	6.64	21.60	−1	+4	6.16	32.32	+3	+7
22	59.92	7.69	+1	−9	4.24	12.57	−1	−6	6.67	21.94	0	+7	6.09	32.65	+3	+3
23	60.08	7.77	0	−9	4.36	12.82	−2	−3	6.70	22.28	+1	+9	6.02	32.98	+3	−1
24	60.24	7.86	−1	−8	4.48	13.07	−2	+1	6.73	22.63	+2	+8	5.95	33.31	+2	−6
25	60.40	7.95	−2	−5	4.59	13.33	−1	+5	6.76	22.98	+3	+5	5.87	33.63	+1	−9
26	60.56	8.05	−2	−1	4.70	13.59	0	+8	6.78	23.33	+4	+1	5.79	33.95	−1	−9
27	60.72	8.15	−1	+3	4.81	13.85	+1	+9	6.80	23.68	+3	−3	5.70	34.27	−2	−8
28	60.88	8.26	−1	+7	4.92	14.12	+3	+7	6.81	24.03	+2	−7	5.61	34.59	−3	−5
29	61.03	8.37	0	+9	5.02	14.39	+3	+4	6.82	24.38	0	−9	5.52	34.90	−4	0
30	61.19	8.49	+2	+9	5.12	14.67	+3	0	6.83	24.73	−1	−9	5.43	35.21	−4	+4
31	61.34	8.62	+3	+6	5.22	14.95	+3	−5	6.83	25.08	−3	−7	5.34	35.52	−3	+8
32					5.32	15.24	+1	−8					5.24	35.82	−1	+9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−82° 33′ 0″	7.712	−7.647	−82° 33′ 10″	7.715	−7.650	−82° 33′ 30″	7.721	−7.656
10	7.715	−7.650	20	7.718	−7.653	40	7.724	−7.659

$\alpha_{1936.0} = 5^h\ 6^m\ 5^s.11$ $\delta_{1936.0} = -82°\ 33'\ 32''.37$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sc) ζ Octantis $5^{m}.38$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder		Februar AR.	Februar Dekl.	Februar ☾ Glieder		März AR.	März Dekl.	März ☾ Glieder		April AR.	April Dekl.	April ☾ Glieder	
	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$	$9^h 6^m$	$-85° 24'$	in $0^s.01$	in $0''.01$
	s	″			s	″			s	″			s	″		
1	30.93	25.95	−5	+8	32.80	37.42	+5	+2	30.24	48.66	+4	−9	23.98	57.95	−6	−7
2	31.06	26.29	−2	+9	32.78	37.80	+6	−3	30.09	49.01	+2	−11	23.74	58.19	−7	−3
3	31.19	26.63	+1	+8	32.76	38.19	+6	−7	29.93	49.36	−1	−11	23.49	58.42	−7	+1
4	31.31	26.97	+4	+5	32.73	38.58	+4	−10	29.77	49.70	−4	−9	23.24	58.65	−6	+5
5	31.43	27.32	+6	0	32.70	38.97	+1	−11	29.61	50.04	−6	−5	22.99	58.88	−4	+7
6	31.55	27.67	+6	−5	32.66	39.35	−2	−10	29.44	50.38	−7	−1	22.74	59.10	−1	+8
7	31.66	28.02	+5	−8	32.62 32.57	39.74 40.12	−5 −6	−7 −3	29.27	50.71	−7	+3	22.48	59.32	+1	+8
8	31.76	28.37	+3	−10	32.52	40.51	−7	+1	29.10	51.04	−5	+6	22.22	59.53	+4	+7
9	31.86	28.73	0	−10	32.46	40.89	−6	+5	28.92	51.37	−3	+8	21.96	59.74	+6	+4
10	31.95	29.09	−3	−9	32.40	41.28	−4	+7	28.74	51.70	0	+9	21.70	59.94	+7	+1
11	32.04	29.45	−5	−5	32.33	41.66	−2	+9	28.56	52.02	+3	+8	21.44	60.14	+7	−2
12	32.13	29.82	−7	−1	32.26	42.04	+1	+9	28.37	52.34	+5	+6	21.18	60.33	+6	−5
13	32.21	30.18	−7	+2	32.18	42.42	+4	+8	28.18	52.65	+7	+3	20.91	60.52	+4	−6
14	32.28	30.55	−6	+6	32.10	42.80	+6	+5	27.98	52.96	+8	0	20.65	60.70	+1	−6
15	32.35	30.92	−4	+8	32.02	43.18	+7	+2	27.78	53.27	+7	−3	20.38	60.88	−2	−4
16	32.42	31.29	−1	+9	31.93	43.56	+8	−1	27.58	53.58	+5	−5	20.11	61.05	−5	0
17	32.48	31.67	+2	+9	31.84	43.93	+7	−4	27.38	53.88	+2	−6	19.84	61.22	−6	+4
18	32.53	32.04	+5	+7	31.74	44.31	+4	−6	27.17	54.18	−1	−5	19.56	61.38	−6	+7
19	32.58	32.42	+7	+4	31.64	44.69	+1	−7	26.96	54.47	−4	−3	19.29	61.54	−4	+9
20	32.63	32.80	+8	0	31.53	45.06	−2	−5	26.75	54.76	−6	+1	19.01	61.69	−1	+9
21	32.67	33.18	+7	−3	31.42	45.42	−5	−2	26.53	55.05	−6	+5	18.74	61.84	+2	+7
22	32.71	33.56	+6	−6	31.31	45.79	−7	+2	26.31	55.33	−5	+8	18.46	61.98	+5	+3
23	32.74	33.94	+3	−7	31.19	46.16	−6	+5	26.09	55.61	−3	+9	18.18	62.12	+6	−2
24	32.77	34.32	−1	−7	31.07	46.52	−5	+8	25.87	55.89	0	+8	17.91	62.26	+6	−7
25	32.79	34.71	−4	−5	30.94	46.88	−2	+8	25.64	56.16	+3	+5	17.63	62.39	+4	−10
26	32.81	35.09	−6	−1	30.81	47.25	+1	+7	25.41	56.43	+5	+1	17.35	62.51	+1	−11
27	32.82	35.47	−7	+3	30.67	47.61	+4	+3	25.18	56.69	+6	−4	17.07	62.63	−2	−11
28	32.82	35.86	−6	+7	30.53	47.96	+6	−1	24.95	56.95	+5	−8	16.78	62.74	−5	−8
29	32.82	36.25	−4	+8	30.39	48.31	+6	−6	24.71	57.21	+3	−11	16.50	62.85	−7	−5
30	32.82	36.64	−1	+8	30.24	48.66	+4	−9	24.47	57.46	0	−11	16.22	62.95	−7	0
31	32.81	37.03	+3	+5					24.23	57.71	−3	−10	15.93	63.05	−7	+3
32	32.80	37.42	+5	+2					23.98	57.95	−6	−7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 24′ 20″	12.484	−12.444	−85° 24′ 40″	12.499	−12.459	−85° 25′ 0″	12.514	−12.474
30	12.492	−12.451	50	12.507	−12.467	10	12.522	−12.482

$\alpha_{1936.0} = 9^h\ 6^m\ 21^s.30$ $\delta_{1936.0} = -85°\ 24'\ 34''.52$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sc) ζ Octantis $5^m.38$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$9^h 6^m$	85° 25′	$0^s.01$	0″.01	$9^h 6^m$	85° 24′	$0^s.01$	0″.01	$9^h 5^m$	85° 24′	$0^s.01$	0″.01	$9^h 5^m$	85° 24′	$0^s.01$	0″.01
	s	″			s	″			s	″			s	″		
1	15.93	3.05	−7	+3	7.39	63.41	+2	+7	60.64	59.12	+7	+1	56.89	51.10	+2	−7
2	15.65	3.14	−5	+6	7.13	63.34	+4	+5	60.46	58.91	+7	−2	56.84	50.80	−1	−6
3	15.37	3.23	−3	+8	6.87	63.26	+6	+3	60.28	58.69	+6	−5	56.79	50.51	−4	−3
4	15.08	3.31	0	+8	6.61	63.18	+7	0	60.11	58.47	+4	−7	56.75	50.21	−6	0
5	14.80	3.39	+3	+7	6.36	63.09	+7	−3	59.94	58.25	+1	−7	56.71	49.91	−6	+4
6	14.52	3.46	+5	+5	6.11	63.00	+5	−6	59.77	58.03	−2	−5	56.68	49.61	−5	+7
7	14.24	3.52	+7	+2	5.86	62.90	+3	−7	59.61	57.80	−5	−2	56.65	49.31	−3	+9
8	13.96	3.58	+7	−1	5.61	62.80	0	−6	59.45	57.57	−6	+2	*)56.63	49.01	0	+8
9	13.68	3.63	+6	−4	5.36	62.69	−3	−4	59.29	57.33	−6	+6	56.61	48.70	+3	+5
10	13.40	3.68	+5	−6	5.12	62.58	−5	0	59.14	57.09	−4	+8	56.60	48.40	+5	+1
11	13.12	3.72	+2	−6	4.88	62.46	−6	+4	59.00	56.85	−1	+9	56.59	48.10	+6	−3
12	12.84	3.76	−2	−5	4.64	62.34	−5	+7	58.86	56.60	+2	+8	56.59	47.80	+5	−7
13	12.56	3.79	−4	−2	4.40	62.21	−3	+9	58.72	56.35	+5	+4	56.59	47.49	+3	−10
14	12.28	3.82	−6	+2	4.17	62.08	0	+9	58.58	56.10	+6	0	56.59	47.19	0	−11
15	12.00	3.84	−6	+6	3.94	61.94	+3	+7	58.45	55.84	+6	−5	56.60	46.88	−3	−9
16	11.72	3.86	−4	+9	3.71	61.80	+6	+3	58.33	55.58	+5	−8	56.62	46.58	−6	−6
17	11.44	3.87	−2	+10	3.49	61.65	+7	−2	58.21	55.32	+2	−10	56.64	46.27	−7	−2
18	11.16	3.88	+1	+9	3.27	61.50	+6	−6	58.09	55.06	−1	−10	56.66	45.97	−7	+2
19	10.88	3.88	+4	+5	3.05	61.34	+4	−10	57.98	54.79	−4	−8	56.69	45.66	−6	+5
20	10.61	3.87	+6	+1	2.83	61.18	+1	−11	57.87	54.52	−6	−5	56.73	45.36	−4	+7
21	10.33	3.86	+6	−4	2.62	61.01	−2	−10	57.76	54.25	−7	−1	56.77	45.06	−1	+8
22	10.06	3.85	+5	−8	2.41	60.84	−5	−7	57.66	53.97	−7	+3	56.81	44.75	+2	+7
23	9.79	3.83	+2	−11	2.20	60.67	−7	−3	57.56	53.70	−5	+6	56.86	44.45	+4	+6
24	9.51	3.80	−1	−11	1.99	60.49	−7	+1	57.47	53.42	−3	+7	56.92	44.15	+6	+3
25	9.24	3.77	−4	−9	1.79	60.31	−6	+4	57.38	53.14	0	+8	56.98	43.85	+7	+1
26	8.97	3.74	−6	−6	1.59	60.12	−5	+6	57.30	52.85	+3	+7	57.04	43.56	+7	−2
27	8.70	3.70	−7	−2	1.39	59.93	−2	+8	57.22	52.56	+5	+5	57.11	43.26	+6	−5
28	8.44	3.65	−7	+2	1.20	59.73	+1	+8	57.15	52.27	+7	+2	57.18	42.96	+3	−6
29	8.17	3.60	−6	+5	1.01	59.53	+3	+6	57.08	51.98	+7	−1	57.26	42.67	0	−6
30	7.91	3.54	−4	+7	0.82	59.33	+5	+4	57.01	51.69	+6	−4	57.35	42.38	−2	−4
31	7.65	3.48	−1	+8	0.64	59.12	+7	+1	56.95	51.39	+5	−6	57.44	42.09	−5	−1
32	7.39	3.41	+2	+7					56.89	51.10	+2	−7	57.53	41.80	−6	+3

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 24′ 40″	12.499	−12.459	−85° 24′ 50″	12.507	−12.467	−85° 25′ 0″	12.514	−12.474
50	12.507	−12.467	60	12.514	−12.474	10	12.522	−12.482

$\alpha_{1936.0} = 9^h\ 6^m\ 21^s.30$ $\delta_{1936.0} = -85°\ 24'\ 34''.52$

*) Tag der doppelten unteren Kulmination: Aug. 8.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sc) ζ Octantis $5^{m}.38$

Tag	September AR.	September Dekl.	September ☾ Glieder in 0.01s	September ☾ Glieder in 0.01"	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder in 0.01s	Oktober ☾ Glieder in 0.01"	November AR.	November Dekl.	November ☾ Glieder in 0.01s	November ☾ Glieder in 0.01"	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder in 0.01s	Dezember ☾ Glieder in 0.01"
	$9^h 5^m$	−85° 24′			$9^h 6^m$	−85° 24′			$9^h 6^m$	−85° 24′			$9^h 6^m$	−85° 24′		
1	57.53s	41.80"	−6	+3	2.33s	34.53"	−2	+9	10.24s	31.60"	+6	−2	18.34s	34.56"	+2	−11
2	57.62	41.52	−6	+6	2.55	34.35	+1	+8	10.52	31.60	+5	−7	18.58	34.76	−1	−11
3	57.72	41.23	−4	+8	2.77	34.17	+4	+5	10.80	31.61	+3	−10	18.82	34.96	−5	−9
4	57.83	40.95	−1	+9	3.00	34.00	+6	0	11.08	31.63	0	−11	19.06	35.17	−7	−5
5	57.94	40.67	+2	+7	3.23	33.84	+6	−4	11.36	31.65	−3	−10	19.30	35.38	−8	−1
6	58.06	40.39	+5	+3	3.46	33.68	+5	−8	11.64	31.68	−6	−8	19.53	35.60	−7	+2
7	58.18	40.12	+6	−2	3.69	33.53	+2	−11	11.92	31.72	−7	−4	19.76	35.83	−6	+5
8	58.30	39.85	+6	−6	3.93	33.38	−1	−11	12.20	31.77	−8	0	19.99	36.06	−3	+7
9	58.43	39.58	+4	−10	4.17	33.24	−4	−9	12.47	31.82	−7	+4	20.22	36.29	0	+7
10	58.57	39.31	+1	−11	4.41	33.10	−6	−6	12.75	31.88	−5	+6	20.44	36.53	+2	+6
11	58.71	39.05	−2	−10	4.66	32.97	−7	−2	13.03	31.94	−2	+7	20.66	36.78	+5	+4
12	58.85	38.79	−5	−8	4.91	32.84	−7	+2	13.31	32.01	+1	+7	20.87	37.03	+6	+1
13	58.99	38.53	−7	−4	5.16	32.72	−6	+5	13.58	32.09	+3	+5	21.08	37.28	+6	−2
14	59.14	38.27	−7	0	5.41	32.61	−3	+7	13.86	32.17	+5	+3	21.29	37.54	+6	−4
15	59.30	38.02	−7	+4	5.67	32.50	−1	+7	14.14	32.26	+6	0	21.49	37.81	+4	−6
16	59.46	37.77	−5	+6	5.92	32.40	+2	+7	14.42	32.36	+7	−2	21.69	38.08	+2	−6
17	59.63	37.52	−2	+8	6.18	32.30	+4	+5	14.69	32.46	+6	−5	21.89	38.35	−1	−5
18	59.80	37.28	0	+8	6.44	32.21	+6	+2	14.96	32.57	+4	−6	22.08	38.63	−3	−3
19	59.97	37.04	+3	+6	6.70	32.13	+7	0	15.23	32.68	+1	−6	22.27	38.92	−5	+1
20	60.15	36.81	+5	+4	6.97	32.05	+7	−3	15.50	32.80	−2	−4	22.46	39.21	−6	+5
21	60.33	36.58	+7	+2	7.23	31.98	+5	−5	15.77	32.93	−4	−1	22.64	39.50	−4	+8
22	60.51	36.36	+7	−1	7.50	31.91	+3	−6	16.04	33.07	−5	+3	22.82	39.79	−2	+10
23	60.70	36.14	+6	−4	7.77	31.85	0	−5	16.30	33.21	−5	+7	22.99	40.09	+1	+9
24	60.89	35.92	+4	−5	8.04	31.80	−3	−3	16.56	33.36	−4	+9	23.16	40.40	+4	+7
25	61.08	35.71	+2	−6	8.31	31.75	−5	+1	16.82	33.51	−1	+10	23.33	40.71	+6	+3
26	61.28	35.50	−1	−5	8.58	31.71	−6	+4	17.08	33.67	+2	+9	23.49	41.02	+7	−2
27	61.48	35.30	−4	−2	8.86	31.67	−5	+8	17.34	33.84	+5	+5	23.64	41.34	+6	−6
28	61.69	35.10	−5	+2	9.13	31.64	−3	+9	17.59	34.01	+6	0	23.79	41.66	+3	−9
29	61.90	34.90	−6	+5	9.40	31.62	0	+9	17.84	34.19	+6	−4	23.94	41.99	0	−10
30	62.11	34.71	−4	+8	9.68	31.61	+3	+7	18.09	34.37	+5	−8	24.09	42.32	−3	−9
31	62.33	34.53	−2	+9	9.96	31.60	+5	+3	18.34	34.56	+2	−11	24.23	42.65	−6	−6
32					10.24	31.60	+6	−2					24.36	42.98	−7	−3

δ	sec δ	tg δ	δ	sec δ	tg δ
−85° 24′ 30″	12.492	−12.451	−85° 24′ 40″	12.499	−12.459
40	12.499	−12.459	50	12.507	−12.467

$\alpha_{1936.0} = 9^h\ 6^m\ 21^s.30$ $\delta_{1936.0} = -85°\ 24'\ 34''.52$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sd) ι Octantis $5^m.38$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	12^h48^m	$84°46'$	$0^s.01$	$0''.01$	12^h48^m	$84°46'$	$0^s.01$	$0''.01$	12^h48^m	$84°46'$	$0^s.01$	$0''.01$	12^h48^m	$84°46'$	$0^s.01$	$0''.01$
1	^{s}2.75	$''$21.59	−7	0	^{s}10.58	$''$26.79	+2	+7	^{s}15.95	$''$35.69	+7	+2	^{s}18.64	$''$47.27	+5	−11
2	3.01	21.67	−7	+4	10.80	27.04	+5	+4	16.09	36.04	+8	−2	18.67	47.65	+2	−11
3	3.28	21.76	−4	+7	11.02	27.30	+8	+1	16.23	36.40	+8	−6	18.70 18.72	48.03 48.41	−1 −4	−9 −7
4	3.55	21.85	−1	+8	11.24	27.56	+8	−3	16.36	36.76	+6	−9	18.74	48.79	−6	−3
5	3.81	21.95	+3	+7	11.46	27.83	+7	−7	16.49	37.12	+3	−10	18.76	49.17	−6	+1
6	4.08	22.05	+6	+4	11.68	28.10	+5	−9	16.62	37.48	0	−10	18.77	49.55	−6	+4
7	4.35	22.16	+8	0	11.89	28.38	+2	−10	16.74	37.84	−3	−8	18.78	49.93	−4	+7
8	4.61	22.28	+8	−4	12.10	28.66	−1	−9	16.86	38.20	−5	−5	18.78	50.31	−2	+9
9	4.88	22.41	+7	−8	12.30	28.94	−4	−7	16.97	38.57	−6	−1	18.78	50.68	0	+10
10	5.14	22.54	+4	−10	12.50	29.23	−6	−3	17.08	38.94	−7	+3	18.78	51.06	+3	+9
11	5.40	22.67	+1	−10	12.70	29.52	−7	+1	17.19	39.31	−6	+6	18.78	51.43	+5	+6
12	5.66	22.81	−2	−8	12.90	29.81	−7	+4	17.29	39.68	−4	+9	18.77	51.80	+6	+3
13	5.92	22.96	−5	−5	13.10	30.11	−5	+8	17.39	40.05	−1	+10	18.76	52.17	+6	−1
14	6.18	23.11	−6	−2	13.29	30.41	−3	+10	17.49	40.43	+1	+10	18.74	52.54	+4	−4
15	6.44	23.27	−7	+2	13.48	30.72	−1	+11	17.58	40.80	+3	+8	18.72	52.91	+1	−6
16	6.70	23.43	−6	+6	13.67	31.03	+2	+10	17.67	41.18	+5	+5	18.70	53.28	−2	−6
17	6.95	23.60	−5	+9	13.85	31.34	+4	+7	17.76	41.55	+6	+2	18.67	53.64	−5	−4
18	7.20	23.78	−2	+10	14.03	31.66	+6	+4	17.84	41.93	+5	−2	18.64	54.01	−7	−1
19	7.46	23.96	+1	+10	14.21	31.98	+6	0	17.92	42.31	+3	−5	18.61	54.37	−8	+3
20	7.71	24.15	+3	+9	14.39	32.30	+4	−4	18.00	42.69	0	−6	18.57	54.73	−6	+6
21	7.96	24.34	+5	+6	14.56	32.63	+2	−7	18.07	43.07	−3	−6	18.53	55.09	−3	+7
22	8.21	24.54	+6	+2	14.73	32.96	−1	−7	18.14	43.45	−6	−4	18.49	55.44	+1	+7
23	8.45	24.74	+6	−2	14.89	33.29	−4	−6	18.21	43.83	−7	0	18.44	55.80	+4	+5
24	8.70	24.95	+4	−6	15.05	33.63	−7	−3	18.27	44.21	−7	+3	18.39	56.15	+7	+1
25	8.94	25.16	+1	−8	15.21	33.96	−7	+1	18.33	44.60	−5	+6	18.34	56.50	+8	−3
26	9.18	25.38	−2	−8	15.37	34.30	−6	+4	18.39	44.98	−1	+7	18.28	56.85	+8	−7
27	9.42	25.60	−5	−5	15.52	34.64	−3	+6	18.44	45.36	+3	+6	18.22	57.20	+6	−10
28	9.65	25.83	−7	−2	15.67	34.99	0	+7	18.49	45.75	+6	+3	18.15	57.54	+3	−11
29	9.89	26.06	−7	+2	15.81	35.34	+4	+5	18.53	46.13	+8	−1	18.09	57.88	0	−11
30	10.12	26.30	−5	+5	15.95	35.69	+7	+2	18.57	46.51	+8	−5	18.02	58.22	−3	−8
31	10.35	26.54	−2	+7					18.61	46.89	+7	−9	17.95	58.55	−5	−5
32	10.58	26.79	+2	+7					18.64	47.27	+5	−11				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 46′ 20″	10.975	−10.929	−84° 46′ 30″	10.981	−10.935	−84° 46′ 50″	10.993	−10.947
30	10.981	−10.935	40	10.987	−10.941	60	10.998	−10.953

$\alpha_{1936.0} = 12^h\ 48^m\ 2^s.63$ $\delta_{1936.0} = -84°\ 46'\ 34''.80$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sd) ι Octantis $5^{m}.38$

Tag	Mai				Juni				Juli				August			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
		—	in			—	in			—	in			—	in	
	$12^{h}48^{m}$	84° 46′	$0^{s}.01$	$0''.01$	$12^{h}48^{m}$	84° 47′	$0^{s}.01$	$0''.01$	$12^{h}48^{m}$	84° 47′	$0^{s}.01$	$0''.01$	$12^{h}47^{m}$	84° 47′	$0^{s}.01$	$0''.01$
1	$17^{s}.95$	$58''.55$	−5	− 5	$14^{s}.20$	$7''.29$	−4	+ 7	$8^{s}.59$	$11''.62$	+3	+ 8	$62^{s}.21$	$10''.87$	+5	− 3
2	17.87	58.88	−6	− 1	14.04	7.51	−1	+ 9	8.38	11.68	+5	+ 6	62.02	10.76	+3	− 6
3	17.79	59.21	−6	+ 3	13.87	7.72	+1	+ 9	8.18	11.74	+6	+ 3	61.82	10.64	0	− 7
4	17.71	59.54	−5	+ 6	13.71	7.93	+4	+ 7	7.97	11.79	+6	− 1	61.63	10.51	−3	− 6
5	17.62	59.87	−3	+ 8	13.54	8.13	+5	+ 5	7.76	11.83	+5	− 4	61.44	10.38	−6	− 4
6	17.53	60.19	0	+ 9	13.37	8.33	+6	+ 1	7.56	11.87	+2	− 6	61.25	10.25	−7	− 1
7	17.44	60.51	+2	+ 9	13.20	8.52	+5	− 2	7.35	11.90	−1	− 7	61.06	10.11	−7	+ 3
8	17.34	60.82	+4	+ 7	13.03	8.71	+3	− 5	7.14	11.93	−4	− 5	60.88	9.97	−5	+ 6
9	17.24	61.13	+6	+ 4	12.85	8.89	+1	− 7	6.93	11.95	−7	− 2	60.70	9.82	−2	+ 8
10	17.14	61.44	+6	0	12.67	9.07	−3	− 6	6.73	11.97	−7	+ 2	60.52	9.66	+2	+ 7
11	17.03	61.75	+5	− 3	12.49	9.24	−6	− 4	6.52	11.98	−6	+ 5	60.34	9.50	+5	+ 4
12	16.92	62.05	+2	− 5	12.31	9.41	−7	0	6.31	11.98	−4	+ 8	60.16	9.34	+7	0
13	16.81	62.35	−1	− 6	12.13	9.58	−8	+ 4	6.10	11.98	0	+ 8	59.98	9.17	+8	− 4
14	16.70	62.65	−4	− 5	11.95	9.74	−6	+ 7	5.89	11.97	+3	+ 7	59.81	8.99	+7	− 8
15	16.59	62.94	−7	− 2	11.76	9.89	−3	+ 9	5.68	11.96	+6	+ 4	59.64	8.81	+4	−10
16	16.47	63.23	−8	+ 2	11.57	10.04	+1	+ 8	5.47	11.94	+8	− 1	59.47	8.63	+1	−10
17	16.35	63.51	−7	+ 5	11.38	10.18	+5	+ 6	5.26	11.91	+8	− 5	59.30	8.44	−2	− 9
18	16.22	63.79	−5	+ 8	11.19	10.32	+7	+ 2	5.05	11.88	+6	− 9	59.14	8.25	−5	− 6
19	16.09	64.07	−1	+ 8	10.99	10.45	+8	− 3	4.85	11.85	+3	−10	58.98	8.05	−6	− 3
20	15.96	64.34	+3	+ 7	10.80	10.58	+7	− 7	4.64	11.81	0	−10	58.82	7.84	−6	+ 1
21	15.83	64.61	+6	+ 4	10.61	10.70	+5	−10	4.43	11.76	−3	− 8	58.66	7.63	−6	+ 5
22	15.70	64.87	+8	− 1	10.41	10.82	+2	−11	4.23	11.71	−5	− 5	58.51	7.42	−4	+ 7
23	15.56	65.13	+8	− 5	10.21	10.93	−1	−10	4.02	11.65	−6	− 2	58.36	7.21	−2	+ 9
24	15.42	65.39	+7	− 9	10.01	11.04	−4	− 7	3.81	11.59	−6	+ 2	58.21	6.99	0	+ 9
25	15.28	65.65	+4	−11	9.81	11.14	−6	− 4	3.61	11.52	−5	+ 6	58.07	6.77	+3	+ 8
26	15.13	65.90	+1	−11	9.61	11.23	−6	0	3.40	11.44	−3	+ 8	57.93	6.54	+5	+ 6
27	14.98	66.14	−2	− 9	9.41	11.32	−6	+ 3	3.20	11.36	−1	+ 9	57.79	6.31	+6	+ 3
28	14.83	66.38	−5	− 7	9.21	11.40	−4	+ 6	3.00	11.27	+2	+ 9	57.65	6.07	+5	− 1
29	14.68	66.61	−6	− 3	9.00	11.48	−2	+ 8	2.80	11.18	+4	+ 7	57.52	5.83	+4	− 4
30	14.52	66.84	−6	+ 1	8.80	11.55	0	+ 9	2.60	11.08	+5	+ 4	57.39	5.59	+1	− 6
31	14.36	67.07	−5	+ 5	8.59	11.62	+3	+ 8	2.41	10.98	+6	+ 1	57.26	5.34	−2	− 6
32	14.20	67.29	−4	+ 7					2.21	10.87	+5	− 3	57.14	5.09	−5	− 5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 46′ 50″	10.993	−10.947	−84° 47′ 0″	10.998	−10.953	−84° 47′ 10″	11.004	−10.959
60	10.998	−10.953	10	11.004	−10.959	20	11.010	−10.965

$\alpha_{1936.0} = 12^{h}\ 48^{m}\ 2^{s}.63$ $\delta_{1936.0} = -84°\ 46'\ 34''.80$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sd) ι Octantis $5^{m}.38$

Tag	September				Oktober				November				Dezember			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	12^h47^m	−84° 46′	$0^s.01$	$0''.01$	12^h47^m	−84° 46′	$0^s.01$	$0''.01$	12^h47^m	−84° 46′	$0^s.01$	$0''.01$	12^h48^m	−84° 46′	$0^s.01$	$0''.01$
	s	″			s	″			s	″			s	″		
1	57.14	65.09	−5	−5	55.27	56.38	−7	+4	57.49	47.20	+4	+5	3.31	41.37	+8	−6
2	57.02	64.84	−7	−2	55.27	56.07	−4	+7	57.63	46.94	+7	+1	3.55	41.26	+6	−9
3	56.91	64.58	−7	+2	*)55.28	55.75	−1	+8	57.78	46.69	+8	−4	3.79	41.15	+3	−11
4	56.80	64.32	−6	+5	55.29	55.44	+3	+6	57.93	46.44	+7	−8	4.03	41.05	0	−11
5	56.69	64.05	−3	+7	55.31	55.13	+6	+3	58.08	46.19	+5	−11	4.27	40.96	−3	−9
6	56.59	63.78	+1	+7	55.33	54.81	+8	−1	58.24	45.94	+2	−12	4.52	40.87	−5	−6
7	56.49	63.51	+4	+5	55.36	54.50	+8	−6	58.40	45.70	−1	−11	4.77	40.79	−6	−2
8	56.39	63.24	+7	+2	55.39	54.19	+7	−9	58.57	45.47	−4	−8	5.02	40.71	−6	+2
9	56.30	62.96	+8	−3	55.43	53.88	+4	−11	58.74	45.24	−5	−4	5.28	40.64	−4	+5
10	56.21	62.68	+8	−7	55.47	53.58	+1	−11	58.91	45.01	−6	0	5.53	40.58	−2	+7
11	56.12	62.40	+6	−10	55.51	53.27	−2	−9	59.09	44.78	−5	+3	5.79	40.52	0	+8
12	56.04	62.12	+3	−11	55.56	52.96	−5	−6	59.27	44.56	−4	+6	6.05	40.47	+2	+7
13	55.96	61.83	−1	−10	55.61	52.66	−6	−2	59.45	44.35	−2	+8	6.31	40.42	+4	+6
14	55.88	61.54	−4	−8	55.67	52.35	−6	+1	59.64	44.14	+1	+8	6.57	40.38	+5	+3
15	55.81	61.25	−5	−4	55.73	52.05	−5	+5	59.83	43.94	+3	+7	6.83	40.35	+6	0
16	55.74	60.96	−6	−1	55.80	51.75	−3	+7	60.02	43.74	+5	+5	7.09	40.32	+5	−3
17	55.68	60.66	−6	+3	55.87	51.45	−1	+8	60.22	43.54	+6	+3	7.35	40.30	+3	−5
18	55.62	60.37	−5	+6	55.95	51.15	+1	+8	60.42	43.35	+5	0	7.62	40.29	0	−6
19	55.57	60.07	−3	+8	56.03	50.85	+4	+7	60.63	43.17	+4	−3	7.88	40.28	−3	−5
20	55.52	59.77	0	+9	56.12	50.56	+5	+5	60.84	42.99	+1	−5	8.15	40.28	−6	−3
21	55.48	59.47	+2	+8	56.21	50.26	+6	+2	61.05	42.81	−2	−5	8.41	40.28	−7	+1
22	55.44	59.16	+4	+7	56.30	49.97	+5	−1	61.26	42.64	−5	−4	8.68	40.29	−7	+5
23	55.40	58.86	+5	+4	56.40	49.68	+3	−4	61.48	42.48	−7	−1	8.95	40.31	−5	+8
24	55.37	58.55	+5	+1	56.50	49.39	0	−5	61.70	42.32	−8	+3	9.22	40.34	−2	+9
25	55.34	58.24	+4	−2	56.61	49.11	−3	−5	61.92	42.17	−7	+6	9.49	40.37	+1	+9
26	55.32	57.93	+2	−5	56.72	48.83	−6	−3	62.14	42.02	−4	+8	9.76	40.41	+5	+6
27	55.30	57.62	−1	−6	56.84	48.55	−7	0	62.37	41.88	−1	+9	10.03	40.45	+7	+2
28	55.29	57.31	−4	−5	56.96	48.27	−7	+4	62.60	41.74	+3	+7	10.30	40.50	+8	−3
29	55.28	57.00	−6	−2	57.09	48.00	−6	+7	62.83	41.61	+6	+3	10.56	40.56	+7	−8
30	55.27	56.69	−7	+1	57.22	47.73	−3	+8	63.07	41.49	+8	−1	10.83	40.62	+4	−10
31	55.27	56.38	−7	+4	57.35	47.46	+1	+8	63.31	41.37	+8	−6	11.10	40.69	+1	−11
32					57.49	47.20	+4	+5					11.37	40.77	−2	−10

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−84° 46′ 40″	10.987	−10.941	−84° 46′ 50″	10.993	−10.947	−84° 47′ 0″	10.998	−10.953
50	10.993	−10.947	60	10.998	−10.953	10	11.004	−10.959

$\alpha_{1936.0} = 12^h\ 48^m\ 2^s.63$ $\delta_{1936.0} = -84°\ 46'\ 34''.80$

*) Tag der doppelten unteren Kulmination: Okt. 3.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Se) Octantis 20 G. $6^m.52$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	$14^h 54^m$	—87° 53′	0.01 s	0.01″	$14^h 54^m$	—87° 53′	0.01 s	0.01″	$14^h 55^m$	—87° 53′	0.01 s	0.01″	$14^h 55^m$	—87° 53′	0.01 s	0.01″
	s	″			s	″			s	″			s	″		
1	30.25	21.16	−16	− 5	50.95	20.09	− 1	+ 8	10.28	23.91	+13	+ 6	26.74	32.00	+18	− 7
2	30.87	21.04	−17	0	51.64	20.15	+ 8	+ 8	10.90	24.11	+19	+ 3	27.16	32.32	+11	−10
3	31.49	20.93	−14	+ 4	52.33	20.21	+15	+ 6	11.51	24.32	+21	− 1	27.57	32.63	+ 4	−10
4	32.12	20.82	− 7	+ 7	53.02	20.28	+20	+ 2	12.12	24.54	+20	− 5	27.98	32.94	− 4	− 9
5	32.75	20.72	+ 2	+ 8	53.71	20.35	+21	− 2	12.72	24.76	+15	− 8	28.38	33.26	−10	− 7
6	33.38	20.62	+11	+ 7	54.40	20.43	+18	− 6	13.32	24.98	+ 8	−10	28.77	33.58	−14	− 3
7	34.02	20.53	+17	+ 5	55.09	20.52	+12	− 9	13.91	25.20	0	−10	29.15	33.89	−16	+ 1
8	34.66	20.44	+20	+ 1	55.77	20.61	+ 4	−10	14.50	25.43	− 7	− 8	29.53	34.21	−15	+ 5
9	35.31	20.36	+20	− 3	56.46	20.71	− 3	− 9	15.08	25.67	−13	− 5	29.90	34.54	−12	+ 8
10	35.96	20.29	+15	− 7	57.15	20.81	−10	− 7	15.66	25.91	−16	− 2	30.26	34.87	− 7	+10
11	36.62	20.22	+ 9	− 9	57.83	20.92	−15	− 4	16.23	26.15	−17	+ 2	30.62	35.20	− 1	+10
12	37.28	20.16	+ 1	−10	58.50	21.03	−17	0	16.79	26.40	−15	+ 6	30.96	35.53	+ 5	+ 9
13	37.94	20.10	− 6	− 8	59.18	21.15	−17	+ 4	17.35	26.65	−11	+ 9	31.29	35.86	+10	+ 7
14	38.61	20.05	−12	− 6	59.86	21.27	−14	+ 7	17.90	26.90	− 5	+10	31.61	36.20	+12	+ 3
15	39.28	20.00	−16	− 3	60.53	21.40	− 9	+10	18.45	27.16	+ 1	+10	31.93	36.53	+11	− 1
16	39.95	19.96	−17	+ 1	61.20	21.53	− 2	+11	18.99	27.42	+ 7	+ 9	32.24	36.86	+ 6	− 5
17	40.62	19.92	−16	+ 5	61.88	21.67	+ 4	+10	19.53	27.68	+11	+ 5	32.54	37.20	− 1	− 7
18	41.30	19.89	−12	+ 8	62.55	21.81	+10	+ 7	20.06	27.95	+12	+ 1	32.83	37.54	− 8	− 7
19	41.98	19.87	− 6	+10	63.21	21.96	+13	+ 3	20.58	28.22	+10	− 3	33.12	37.88	−15	− 6
20	42.66	19.85	+ 1	+10	63.87	22.11	+12	− 1	21.10	28.49	+ 4	− 7	33.39	38.22	−18	− 2
21	43.35	19.84	+ 7	+ 9	64.53	22.27	+ 9	− 5	21.61	28.77	− 3	− 8	33.65	38.57	−17	+ 2
22	44.03	19.83	+12	+ 5	65.18	22.43	+ 2	− 8	22.11	29.05	−10	− 8	33.91	38.91	−12	+ 5
23	44.72	19.83	+14	+ 1	65.83	22.60	− 5	− 9	22.60	29.33	−15	− 5	34.16	39.26	− 3	+ 8
24	45.41	19.84	+12	− 3	66.48	22.77	−12	− 7	23.09	29.62	−17	− 1	34.40	39.60	+ 6	+ 8
25	46.10	19.85	+ 7	− 7	67.12	22.95	−16	− 4	23.57	29.91	−14	+ 3	34.63	39.95	+14	+ 6
26	46.79	19.87	0	− 9	67.76	23.13	−16	0	24.04	30.20	− 8	+ 6	34.85	40.29	+20	+ 2
27	47.48	19.89	− 7	− 9	68.40	23.32	−12	+ 4	24.51	30.49	+ 1	+ 7	35.06	40.64	+22	− 2
28	48.17	19.92	−14	− 6	69.03	23.51	− 4	+ 7	24.97	30.79	+10	+ 7	35.26	40.98	+20	− 6
29	48.87	19.95	−16	− 2	69.66	23.71	+ 5	+ 7	25.42	31.09	+18	+ 4	35.45	41.33	+14	− 9
30	49.56	19.99	−15	+ 2	70.28	23.91	+13	+ 6	25.87	31.39	+22	+ 1	35.64	41.68	+ 7	−10
31	50.25	20.04	− 9	+ 6					26.31	31.69	+22	− 3	35.82	42.03	− 1	−10
32	50.95	20.09	− 1	+ 8					26.74	32.00	+18	− 7				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 53′ 10″	27.111	−27.092	−87° 53′ 20″	27.146	−27.128	−87° 53′ 40″	27.218	−27.199
20	27.146	−27.128	30	27.182	−27.164	50	27.254	−27.235

$\alpha_{1936.0} = 14^h\ 54^m\ 43^s.85$ $\delta_{1936.0} = -87°\ 53'\ 31''.87$

Obere Kulmination Greenwich

Se) Octantis 20 G. $6^m.52$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$14^h 55^m$	−87° 53′	in 0.01 s	in 0.01″	$14^h 55^m$	−87° 53′	in 0.01 s	in 0.01″	$14^h 55^m$	−87° 54′	in 0.01 s	in 0.01″	$14^h 54^m$	−87° 54′	in 0.01 s	in 0.01″
1	35.82	42.03	− 1	−10	36.46	52.85	−13	+ 5	28.76	0.96	0	+10	74.54	5.27	+13	0
2	35.98	42.38	− 8	− 8	36.33	53.17	− 9	+ 8	28.38	1.17	+ 6	+ 9	74.02	5.33	+10	− 4
3	36.13	42.73	−13	− 5	36.19	53.48	− 4	+ 9	28.00	1.38	+10	+ 6	73.50	5.38	+ 5	− 7
4	36.27	43.07	−15	− 1	36.04	53.79	+ 2	+ 9	27.61	1.58	+13	+ 3	72.97	5.42	− 2	− 8
5	36.41	43.42	−15	+ 2	35.88	54.10	+ 8	+ 8	27.21	1.78	+13	− 1	72.44	5.45	− 9	− 8
6	36.54 36.66	43.77 44.12	−12 − 8	+ 6 + 9	35.71	54.40	+12	+ 5	26.81	1.98	+ 9	− 5	71.91	5.48	−15	− 5
7	36.77	44.46	− 2	+10	35.53	54.70	+13	+ 1	26.40	2.17	+ 2	− 8	71.38	5.51	−17	− 1
8	36.87	44.81	+ 4	+ 9	35.34	55.00	+11	− 3	25.98	2.36	− 5	− 8	70.84	5.53	−15	+ 3
9	36.96	45.16	+ 9	+ 7	35.14	55.30	+ 6	− 6	25.56	2.54	−12	− 7	70.31	5.54	− 9	+ 6
10	37.04	45.51	+12	+ 4	34.94	55.59	− 1	− 8	25.13	2.71	−17	− 3	69.77	5.55	− 1	+ 8
11	37.11	45.86	+12	0	34.73	55.88	− 9	− 7	24.70	2.88	−17	+ 1	69.24	5.55	+ 8	+ 8
12	37.17	46.20	+ 9	− 4	34.51	56.17	−16	− 5	24.26	3.05	−14	+ 5	68.70	5.55	+16	+ 5
13	37.23	46.54	+ 2	− 7	34.28	56.45	−19	− 1	23.82	3.21	− 7	+ 8	68.17	5.54	+20	+ 1
14	37.27	46.89	− 5	− 8	34.04	56.73	−17	+ 3	23.37	3.36	+ 2	+ 9	67.63	5.52	+20	− 3
15	37.30	47.23	−13	− 7	33.79	57.01	−12	+ 7	22.91	3.51	+11	+ 7	67.10	5.50	+16	− 7
16	37.33	47.57	−18	− 3	33.54	57.28	− 3	+ 9	22.45	3.66	+17	+ 4	66.56	5.47	+10	− 9
17	37.35	47.91	−19	0	33.28	57.55	+ 6	+ 9	21.99	3.80	+20	0	66.02	5.44	+ 3	−10
18	37.36	48.25	−15	+ 4	33.00	57.82	+14	+ 6	21.52	3.93	+19	− 4	65.48	5.40	− 5	− 9
19	37.36	48.59	− 8	+ 7	32.72	58.08	+20	+ 2	21.05	4.06	+14	− 8	64.95	5.35	−11	− 6
20	37.34	48.93	+ 1	+ 8	32.43	58.34	+21	− 2	20.57	4.19	+ 7	−10	64.42	5.30	−14	− 3
21	37.32	49.27	+10	+ 7	32.13	58.60	+18	− 6	20.09	4.31	0	−10	63.89	5.24	−15	+ 1
22	37.29	49.60	+17	+ 4	31.83	58.85	+12	− 9	19.60	4.42	− 7	− 8	63.36	5.18	−14	+ 4
23	37.25	49.93	+21	0	31.52	59.10	+ 5	−10	19.11	4.53	−12	− 5	62.84	5.11	−11	+ 7
24	37.20	50.26	+21	− 4	31.20	59.35	− 3	−10	18.62	4.64	−15	− 2	62.31	5.04	− 5	+ 9
25	37.14	50.59	+17	− 8	30.87	59.59	− 9	− 7	18.12	4.74	−15	+ 2	61.79	4.96	0	+10
26	37.07	50.92	+10	−10	30.54	59.83	−13	− 4	17.62	4.83	−13	+ 6	61.27	4.87	+ 6	+ 9
27	37.00	51.25	+ 2	−11	30.20	60.06	−15	0	17.11	4.92	− 8	+ 8	60.75	4.78	+10	+ 6
28	36.91	51.57	− 5	− 9	29.85	60.29	−14	+ 3	16.60	5.00	− 3	+10	60.23	4.68	+12	+ 2
29	36.81	51.89	−11	− 6	29.49	60.52	−11	+ 7	16.09	5.08	+ 3	+ 9	59.72	4.58	+11	− 2
30	36.70	52.21	−14	− 3	29.13	60.74	− 6	+ 9	15.58	5.15	+ 8	+ 8	59.21	4.47	+ 7	− 5
31	36.58	52.53	−15	+ 1	28.76	60.96	0	+10	15.06	5.21	+12	+ 4	58.70	4.36	0	− 8
32	36.46	52.85	−13	+ 5					14.54	5.27	+13	0	58.20	4.24	− 7	− 8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 53′ 40″	27.218	−27.199	−87° 53′ 50″	27.254	−27.235	−87° 54′ 0″	27.290	−27.271
50	27.254	−27.235	60	27.290	−27.271	10	27.326	−27.308

$\alpha_{1936.0} = 14^h\ 54^m\ 43^s.85$ $\delta_{1936.0} = -87°\ 53'\ 31''.87$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Se) Octantis 20 G. $6^m.52$

Tag	September AR.	September Dekl.	September ☾ Glieder	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	November AR.	November Dekl.	November ☾ Glieder	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder
	$14^h 54^m$	— $87° 53'$	in $0^s.01$ | $0''.01$	$14^h 54^m$	— $87° 53'$	in $0^s.01$ | $0''.01$	$14^h 54^m$	— $87° 53'$	in $0^s.01$ | $0''.01$	$14^h 54^m$	— $87° 53'$	in $0^s.01$ | $0''.01$
1	$58^s.20$	$64''.24$	− 7 − 8	$45^s.71$	$58''.28$	−16 0	$41^s.23$	$48''.94$	+ 6 + 8	$47^s.31$	$39''.84$	+21 − 1
2	57.70	64.11	−13 − 6	45.41	58.02	−14 + 4	41.27	48.62	+15 + 6	47.69	39.58	+20 − 5
3	57.21	63.98	−17 − 3	45.12	57.75	− 7 + 7	41.31	48.30	+20 + 2	48.08	39.32	+15 − 9
4	56.72	63.84	−16 + 1	44.84	57.48	+ 1 + 8	*)41.37	47.98	+22 − 3	48.47	39.06	+ 8 −11
5	56.23	63.70	−11 + 5	44.57	57.20	+11 + 7	41.44	47.66	+19 − 7	48.88	38.80	+ 1 −11
6	55.75	63.55	− 4 + 7	44.31	56.92	+18 + 4	41.52	47.34	+13 −10	49.30	38.55	− 6 − 9
7	55.27	63.40	+ 5 + 8	44.06	56.64	+21 0	41.61	47.02	+ 6 −11	49.72	38.31	−11 − 6
8	54.80	63.24	+14 + 6	43.82	56.36	+21 − 5	41.71	46.70	− 2 −10	50.15	38.07	−13 − 2
9	54.34	63.08	+19 + 3	43.58	56.07	+17 − 8	41.83	46.38	− 8 − 8	50.59	37.83	−13 + 2
10	53.88	62.91	+21 − 2	43.36	55.78	+10 −10	41.96	46.06	−12 − 4	51.04	37.59	−10 + 5
11	53.42	62.74	+19 − 6	43.15	55.49	+ 2 −11	42.10	45.75	−14 0	51.50	37.36	− 6 + 7
12	52.97	62.56	+14 − 9	42.95	55.19	− 5 − 9	42.26	45.44	−12 + 3	51.97	37.14	− 1 + 9
13	52.53	62.37	+ 6 −10	42.75	54.89	−11 − 6	42.43	45.12	− 9 + 6	52.44	36.92	+ 4 + 8
14	52.09	62.18	− 2 −10	42.57	54.59	−14 − 2	42.60	44.81	− 5 + 8	52.93	36.70	+ 9 + 7
15	51.65	61.99	− 8 − 8	42.40	54.29	−14 + 2	42.79	44.50	+ 1 + 9	53.43	36.49	+12 + 4
16	51.22	61.79	−13 − 4	42.24	53.98	−12 + 5	42.99	44.19	+ 6 + 8	53.93	36.28	+12 0
17	50.80	61.59	−15 − 1	42.09	53.68	− 8 + 7	43.20	43.89	+10 + 6	54.44	36.07	+ 9 − 3
18	50.39	61.38	−14 + 3	41.95	53.37	− 3 + 9	43.42	43.58	+12 + 3	54.96	35.87	+ 4 − 6
19	49.98	61.16	−12 + 6	41.83	53.06	+ 2 + 9	43.65	43.28	+10 − 1	55.49	35.68	− 3 − 7
20	49.58	60.94	− 7 + 8	41.71	52.75	+ 7 + 8	43.90	42.98	+ 6 − 4	56.02	35.49	−11 − 6
21	49.19	60.72	− 2 +10	41.61	52.44	+10 + 5	44.15	42.68	0 − 6	56.56	35.31	−16 − 4
22	48.81	60.50	+ 3 + 9	41.52	52.12	+11 + 2	44.42	42.39	− 7 − 7	57.11	35.13	−19 0
23	48.43	60.27	+ 8 + 7	41.44	51.81	+ 9 − 2	44.70	42.09	−14 − 5	57.67	34.96	−17 + 4
24	48.06	60.04	+11 + 4	41.37	51.50	+ 4 − 5	44.99	41.80	−18 − 2	58.23	34.79	−12 + 7
25	47.70	59.80	+11 0	41.31	51.18	− 3 − 7	45.29	41.51	−19 + 2	58.80	34.63	− 3 + 9
26	47.35	59.56	+ 8 − 3	41.26	50.86	−10 − 7	45.60	41.22	−15 + 5	59.38	34.47	+ 6 + 8
27	47.01	59.31	+ 2 − 6	41.23	50.54	−16 − 5	45.93	40.94	− 8 + 8	59.96	34.32	+14 + 6
28	46.67	59.06	− 5 − 7	41.21	50.22	−19 − 1	46.26	40.66	+ 1 + 9	60.55	34.17	+19 + 2
29	46.34	58.80	−12 − 6	41.20	49.90	−17 + 3	46.60	40.38	+10 + 7	61.14	34.03	+20 − 3
30	46.02	58.54	−16 − 4	41.20	49.58	−11 + 6	46.95	40.11	+18 + 4	61.74	33.89	+17 − 7
31	45.71	58.28	−16 0	41.21	49.26	− 3 + 8	47.31	39.84	+21 − 1	62.35	33.76	+11 −10
32				41.23	48.94	+ 6 + 8				62.96	33.64	+ 3 −11

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 53′ 30″	27.182	−27.164	−87° 53′ 40″	27.218	−27.199	−87° 54′ 0″	27.290	−27.271
40	27.218	−27.199	50	27.254	−27.235	10	27.326	−27.308

$\alpha_{1936.0} = 14^h\ 54^m\ 43^s.85$ $\delta_{1936.0} = -87°\ 53'\ 31''.87$

*) Tag der doppelten unteren Kulmination: Nov. 4.

Obere Kulmination Greenwich

Sf) Octantis 26 G. 6ᵐ.13

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder	Februar AR.	Februar Dekl.	Februar ☾ Glieder	März AR.	März Dekl.	März ☾ Glieder	April AR.	April Dekl.	April ☾ Glieder
	16ʰ 36ᵐ	−86° 15′	in 0ˢ.01 | 0″.01	16ʰ 36ᵐ	−86° 15′	in 0ˢ.01 | 0″.01	16ʰ 36ᵐ	−86° 15′	in 0ˢ.01 | 0″.01	16ʰ 37ᵐ	−86° 15′	in 0ˢ.01 | 0″.01
1	26.58	12.86	− 7 − 8	36.74	7.19	− 4 + 7	48.33	6.19	+ 4 + 9	0.33	9.65	+13 − 3
2	26.84	12.61	− 9 − 4	37.12	7.08	+ 1 + 9	48.74	6.23	+ 9 + 7	0.69	9.83	+10 − 7
3	27.11	12.37	− 9 + 1	37.50	6.98	+ 6 + 9	49.15	6.27	+12 + 4	1.04	10.02	+ 7 − 9
4	27.38	12.13	− 7 + 5	37.89	6.88	+10 + 6	49.55	6.32	+13 0	1.39	10.21	+ 2 − 9
5	27.66	11.89	− 3 + 8	38.27	6.79	+12 + 3	49.95	6.38	+12 − 4	1.74	10.40	− 2 − 8
6	27.94	11.66	+ 2 + 9	38.66	6.70	+12 − 2	50.36	6.44	+ 9 − 7	2.08	10.59	− 6 − 6
7	28.23	11.43	+ 7 + 8	39.05	6.62	+10 − 5	50.76	6.51	+ 4 − 9	2.42	10.79	− 9 − 3
8	28.52	11.21	+11 + 5	39.44	6.55	+ 7 − 8	51.16	6.58	0 − 9	2.75	10.99	−10 + 1
9	28.82	10.99	+12 + 1	39.84	6.48	+ 2 − 9	51.56	6.66	− 4 − 8	3.08	11.20	−10 + 5
10	29.12	10.77	+12 − 3	40.24	6.42	− 2 − 9	51.96	6.74	− 8 − 5	3.41	11.41	− 8 + 8
11	29.43	10.56	+ 9 − 7	40.63	6.36	− 6 − 7	52.36	6.83	−10 − 1	3.73	11.62	− 5 +10
12	29.74	10.35	+ 5 − 9	41.03	6.30	− 9 − 4	52.76	6.92	−11 + 2	4.05	11.84	− 1 +10
13	30.05	10.15	+ 1 − 9	41.43	6.25	−11 0	53.16	7.01	−10 + 6	4.37	12.06	+ 2 + 8
14	30.37	9.95	− 4 − 8	41.83	6.21	−11 + 4	53.55	7.11	− 8 + 9	4.69	12.28	+ 5 + 5
15	30.70	9.76	− 7 − 6	42.23	6.17	− 9 + 7	53.94	7.22	− 4 +10	5.00	12.51	+ 6 + 1
16	31.03	9.57	−10 − 2	42.64	6.13	− 6 +10	54.33	7.33	0 +10	5.31	12.74	+ 6 − 3
17	31.36	9.39	−11 + 2	43.04	6.10	− 2 +10	54.72	7.44	+ 3 + 7	5.61	12.97	+ 3 − 7
18	31.69	9.21	−10 + 5	43.44	6.08	+ 2 + 9	55.11	7.55	+ 6 + 3	5.91	13.21	− 1 − 9
19	32.03	9.03	− 8 + 8	43.85	6.06	+ 5 + 6	55.50	7.67	+ 7 − 1	6.21	13.45	− 5 − 9
20	32.38	8.86	− 5 +10	44.26	6.05	+ 7 + 1	55.88	7.80	+ 5 − 5	6.50	13.69	− 9 − 6
21	32.73	8.69	0 +10	44.66	6.04	+ 7 − 3	56.26	7.93	+ 2 − 8	6.79	13.94	−10 − 2
22	33.08	8.53	+ 4 + 8	45.07	6.03	+ 5 − 7	56.64	8.06	− 2 − 9	7.08	14.19	− 9 + 3
23	33.43	8.37	+ 7 + 4	45.47	6.03	+ 1 − 9	57.02	8.20	− 6 − 8	7.36	14.44	− 5 + 7
24	33.79	8.22	+ 8 − 1	45.88	6.04	− 3 −10	57.40	8.35	− 9 − 5	7.64	14.69	0 + 9
25	34.15	8.07	+ 7 − 5	46.29	6.05	− 7 − 8	57.78	8.50	− 9 0	7.91	14.95	+ 5 + 9
26	34.51	7.93	+ 4 − 9	46.70	6.07	− 8 − 3	58.15	8.65	− 7 + 4	8.18	15.21	+10 + 7
27	34.87	7.79	0 −10	47.10	6.09	− 8 + 1	58.52	8.80	− 3 + 7	8.44	15.47	+13 + 3
28	35.24	7.66	− 4 − 9	47.51	6.12	− 5 + 6	58.89	8.96	+ 2 + 9	8.70	15.73	+14 − 1
29	35.61	7.54	− 8 − 6	47.92	6.15	− 1 + 8	59.25	9.13	+ 8 + 8	8.95	16.00	+12 − 5
30	35.98	7.42	− 9 − 1	48.33	6.19	+ 4 + 9	59.61	9.30	+11 + 5	9.20	16.27	+ 9 − 8
31	36.36	7.30	− 8 + 3				59.97	9.47	+13 + 1	9.45	16.54	+ 4 −10
32	36.74	7.19	− 4 + 7				60.33	9.65	+13 − 3			

δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 0″	15.290	−15.257	−86° 15′ 10″	15.301	−15.268
10	15.301	−15.268	20	15.312	−15.280

$\alpha_{1936.0} = 16^h\ 36^m\ 37^s.70$ $\delta_{1936.0} = -86°\ 15'\ 19''.01$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sf) Octantis 26 G. $6^{m}.13$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder	
	$16^h 37^m$	$-86° 15'$	in $0^s.01$	in $0''.01$	$16^h 37^m$	$-86° 15'$	in $0^s.01$	in $0''.01$
1	9.45	16.54	+ 4	−10	14.64 / 14.72	25.79 / 26.10	− 9 / −10	− 2 / + 2
2	9.69	16.82	0	− 9	14.80	26.41	− 9	+ 5
3	9.92	17.09	− 4	− 7	14.87	26.73	− 6	+ 8
4	10.15	17.37	− 8	− 4	14.94	27.04	− 3	+ 9
5	10.38	17.65	− 9	− 1	15.00	27.35	0	+ 9
6	10.61	17.93	−10	+ 3	15.05	27.66	+ 4	+ 7
7	10.83	18.21	− 8	+ 6	15.10	27.97	+ 6	+ 4
8	11.04	18.50	− 6	+ 9	15.14	28.29	+ 7	0
9	11.25	18.79	− 2	+10	15.18	28.60	+ 6	− 5
10	11.45	19.08	+ 2	+ 9	15.21	28.91	+ 3	− 8
11	11.65	19.38	+ 5	+ 6	15.24	29.22	− 1	− 9
12	11.85	19.67	+ 6	+ 2	15.26	29.53	− 6	− 8
13	12.04	19.97	+ 6	− 2	15.28	29.84	− 9	− 5
14	12.22	20.27	+ 4	− 6	15.29	30.14	−11	− 1
15	12.40	20.56	+ 1	− 8	15.29	30.45	− 9	+ 4
16	12.58	20.86	− 4	− 9	15.29	30.76	− 6	+ 7
17	12.75	21.16	− 8	− 7	15.28	31.06	− 1	+ 9
18	12.91	21.46	−10	− 3	15.27	31.37	+ 5	+ 9
19	13.07	21.77	−10	+ 1	15.25	31.67	+10	+ 6
20	13.22	22.08	− 8	+ 5	15.23	31.97	+12	+ 2
21	13.37	22.38	− 3	+ 8	15.20	32.27	+13	− 2
22	13.51	22.69	+ 2	+ 9	15.16	32.57	+11	− 6
23	13.65	23.00	+ 8	+ 8	15.12	32.87	+ 7	− 9
24	13.78	23.31	+11	+ 5	15.07	33.16	+ 3	−10
25	13.91	23.61	+13	0	15.02	33.45	− 1	− 9
26	14.03	23.92	+13	− 4	14.96	33.74	− 5	− 7
27	14.14	24.23	+10	− 7	14.90	34.03	− 8	− 3
28	14.25	24.54	+ 6	− 9	14.83	34.32	− 9	0
29	14.36	24.85	+ 1	− 9	14.75	34.61	− 9	+ 4
30	14.46	25.16	− 3	− 8	14.67	34.89	− 8	+ 7
31	14.55	25.47	− 6	− 6	14.59	35.17	− 5	+ 9
32	14.64 / 14.72	25.79 / 26.10	− 9 / −10	− 2 / + 2				

Tag	Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$16^h 37^m$	$-86° 15'$	in $0^s.01$	in $0''.01$	$16^h 37^m$	$-86° 15'$	in $0^s.01$	in $0''.01$
1	14.59	35.17	− 5	+9	9.47	42.34	+ 7	+3
2	14.50	35.45	− 1	+9	9.23	42.51	+ 7	−1
3	14.40	35.73	+ 3	+8	8.99	42.67	+ 6	−5
4	14.30	36.00	+ 6	+5	8.75	42.83	+ 3	−8
5	14.20	36.27	+ 8	+1	8.51	42.99	− 1	−9
6	14.09	36.54	+ 7	−3	8.26	43.14	− 6	−8
7	13.97	36.80	+ 5	−8	8.01	43.29	− 8	−5
8	13.85	37.07	+ 1	−9	7.75	43.43	− 9	0
9	13.72	37.33	− 3	−9	7.49	43.56	− 8	+4
10	13.59	37.59	− 8	−7	7.23	43.69	− 4	+8
11	13.45	37.84	−10	−3	6.96	43.82	+ 1	+9
12	13.31	38.09	−10	+2	6.70	43.94	+ 6	+8
13	13.16	38.34	− 7	+6	6.43	44.05	+10	+5
14	13.01	38.58	− 3	+9	6.16	44.16	+12	+1
15	12.85	38.82	+ 3	+9	5.88	44.27	+12	−3
16	12.69	39.06	+ 8	+8	5.60	44.37	+10	−7
17	12.52	39.29	+11	+4	5.32	44.46	+ 6	−9
18	12.35	39.52	+12	0	5.04	44.55	+ 1	−9
19	12.17	39.75	+11	−4	4.75	44.63	− 3	−8
20	11.99	39.98	+ 9	−8	4.46	44.71	− 6	−6
21	11.80	40.20	+ 4	−9	4.17	44.78	− 9	−2
22	11.61	40.42	0	−9	3.88	44.85	−10	+1
23	11.41	40.63	− 4	−8	3.59	44.91	− 9	+5
24	11.21	40.84	− 7	−5	3.30	44.97	− 7	+8
25	11.01	41.04	− 9	−1	3.00	45.02	− 4	+9
26	10.80	41.24	−10	+3	2.70	45.07	− 1	+9
27	10.59	41.43	− 8	+6	2.40	45.11	+ 3	+8
28	10.37	41.62	− 6	+8	2.10	45.14	+ 5	+5
29	10.15	41.81	− 3	+9	1.79	45.17	+ 7	+1
30	9.93	41.99	+ 1	+9	1.49	45.19	+ 6	−3
31	9.70	42.17	+ 4	+7	1.19	45.20	+ 4	−7
32	9.47	42.34	+ 7	+3	0.89	45.21	0	−9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 10″	15.301	−15.268	−86° 15′ 20″	15.312	−15.280	−86° 15′ 40″	15.335	−15.303
20	15.312	−15.280	30	15.324	−15.291	50	15.347	−15.314

$\alpha_{1936.0} = 16^h\ 36^m\ 37^s.70$ $\delta_{1936.0} = -86°\ 15'\ 19''.01$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sf) . Octantis 26 G. $6^{m}_{.}13$

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$16^h 36^m$	−86° 15′	in $0^s.01$	in $0''.01$	$16^h 36^m$	−86° 15′	in $0^s.01$	in $0''.01$	$16^h 36^m$	−86° 15′	in $0^s.01$	in $0''.01$	$16^h 36^m$	−86° 15′	in $0^s.01$	in $0''.01$
1	60.89	45.21	0	− 9	52.03	42.81	− 9	−4	45.72	35.54	0	+ 9	44.91	26.07	+12	+ 4
2	60.58	45.21	− 4	− 9	51.76	42.65	− 9	0	45.60	35.25	+ 5	+ 8	44.99	25.75	+13	− 1
3	60.28	45.21	− 8	− 6	51.50	42.48	− 7	+5	45.49	34.95	+10	+ 6	45.07	25.43	+12	− 5
4	59.97	45.20	− 9	− 2	51.24	42.30	− 3	+8	45.38	34.65	+13	+ 2	45.16	25.11	+10	− 8
5	59.67	45.19	− 8	+ 2	50.98	42.12	+ 3	+9	45.28	34.35	+14	− 2	45.26	24.79	+ 6	−10
6	59.36	45.17	− 5	+ 6	50.73	41.93	+ 8	+8	45.19	34.05	+12	− 7	45.36	24.47	+ 1	−10
7	59.05	45.15	− 1	+ 9	50.48	41.74	+12	+4	45.10	33.74	+ 8	− 9	45.47	24.15	− 3	− 8
8	58.74	45.12	+ 5	+ 9	50.24	41.54	+14	0	45.02	33.43	+ 4	−10	45.59	23.84	− 6	− 5
9	58.44	45.08	+ 9	+ 7	50.00	41.34	+13	−4	44.94	33.12	− 1	− 9	45.71	23.53	− 8	− 1
10	58.13	45.03	+12	+ 3	49.76	41.13	+10	−8	44.87	32.81	− 5	− 7	45.84	23.22	− 8	+ 3
11	57.83	44.98	+13	− 1	49.53	40.92	+ 6	−9	44.80	32.50	− 7	− 3	45.97	22.91	− 7	+ 6
12	57.52	44.93	+11	− 5	49.30	40.70	+ 1	−9	44.74	32.19	− 8	0	46.11	22.60	− 5	+ 8
13	57.22	44.87	+ 8	− 8	49.07	40.48	− 3	−8	44.69	31.87	− 8	+ 4	46.26	22.29	− 1	+ 9
14	56.92	44.80	+ 4	−10	48.85	40.26	− 6	−5	44.64	31.55	− 6	+ 7	46.42	21.99	+ 2	+ 8
15	56.62	44.73	− 1	− 9	48.63	40.03	− 8	−2	44.60	31.23	− 4	+ 8	46.58	21.69	+ 5	+ 6
16	56.32	44.65	− 5	− 7	48.42	39.79	− 9	+2	44.57	30.91	− 1	+ 9	46.75	21.39	+ 6	+ 3
17	56.02	44.57	− 8	− 4	48.21	39.55	− 8	+5	44.55	30.59	+ 2	+ 8	46.93	21.09	+ 6	− 1
18	55.72	44.48	− 9	0	48.01	39.31	− 6	+8	44.53	30.27	+ 5	+ 5	47.11	20.80	+ 5	− 5
19	55.43	44.39	− 9	+ 3	47.81	39.06	− 3	+9	44.52	29.94	+ 6	+ 1	47.29	20.51	+ 1	− 7
20	55.13	44.29	− 8	+ 6	47.62	38.81	0	+9	44.51	29.62	+ 5	− 3	47.48	20.22	− 3	− 8
21	54.84	44.18	− 6	+ 8	47.43	38.56	+ 3	+7	44.51	29.30	+ 3	− 6	47.68	19.93	− 7	− 7
22	54.55	44.07	− 2	+ 9	47.25	38.30	+ 5	+4	44.52	28.97	− 1	− 8	47.88	19.65	−10	− 4
23	54.26	43.95	+ 1	+ 9	47.07	38.04	+ 6	0	44.54	28.65	− 5	− 8	48.09	19.37	−11	0
24	53.97	43.83	+ 4	+ 6	46.90	37.78	+ 5	−4	44.56	28.33	− 9	− 6	48.31	19.09	− 9	+ 5
25	53.69	43.70	+ 6	+ 3	46.73	37.51	+ 2	−7	44.59	28.01	−11	− 2	48.53	18.81	− 6	+ 8
26	53.41	43.56	+ 6	− 2	46.57	37.24	− 2	−8	44.63	27.69	−11	+ 2	48.76	18.54	− 1	+ 9
27	53.13	43.42	+ 4	− 5	46.41	36.96	− 6	−8	44.67	27.36	− 8	+ 6	49.00	18.27	+ 5	+ 8
28	52.85	43.28	+ 1	− 8	46.26	36.68	−10	−5	44.72	27.04	− 3	+ 9	49.24	18.01	+ 9	+ 6
29	52.57	43.13	− 3	− 9	46.12	36.40	−11	−1	44.78	26.72	+ 2	+ 9	49.48	17.75	+12	+ 1
30	52.30	42.97	− 7	− 7	45.98	36.11	− 9	+3	*)44.84	26.39	+ 8	+ 7	49.73	17.49	+12	− 3
31	52.03	42.81	− 9	− 4	45.85	35.83	− 5	+7	44.91	26.07	+12	+ 4	49.99	17.24	+10	− 7
32					45.72	35.54	0	+9					50.25	16.99	+ 7	− 9

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−86° 15′ 10″	15.301	−15.268	−86° 15′ 30″	15.324	−15.291	−86° 15′ 40″	15.335	−15.303
20	15.312	−15.280	40	15.335	−15.303	50	15.347	−15.314

$\alpha_{1936.0} = 16^h\ 36^m\ 37^s.70$ $\delta_{1936.0} = -86°\ 15'\ 19''.01$

*) Tag der doppelten unteren Kulmination: Nov. 30.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sg) χ Octantis 5ᵐ.22

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder		AR.	Dekl.	☾ Glieder	
	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$	$18^h 17^m$	$-87° 39'$	in $0.^s01$	in $0.''01$
	s	"			s	"			s	"			s	"		
1	9.10	34.04	−4	−9	19.55	24.75	−10	+5	35.42	19.07	+1	+10	55.08	17.29	+20	+2
2	9.30	33.71	−10	−7	20.02	24.50	−5	+9	36.03	18.94	+8	+10	55.71	17.31	+19	−2
3	9.51	33.38	−14	−2	20.50	24.25	+3	+10	36.64	18.82	+14	+8	56.35	17.33	+15	−6
4	9.72	33.05	−13	+3	20.98	24.00	+10	+9	37.26	18.70	+18	+4	56.98	17.36	+9	−8
5	9.95	32.72	−9	+7	21.47	23.76	+15	+7	37.88	18.58	+19	0	57.61	17.39	+2	−9
6	10.19	32.39	−3	+10	21.96	23.52	+18	+3	38.50	18.47	+17	−4	58.24	17.43	−5	−8
7	10.44	32.07	+5	+10	22.46	23.29	+18	−2	39.12	18.37	+12	−7	58.86	17.48	−11	−6
8	10.70	31.75	+12	+8	22.97	23.06	+15	−5	39.75	18.27	+5	−9	59.49	17.53	−15	−3
9	10.97	31.43	+17	+5	23.48	22.83	+9	−8	40.38	18.17	−2	−9	60.11	17.58	−17	+1
10	11.24	31.11	+18	+1	24.00	22.61	+2	−9	41.01	18.08	−8	−8	60.73	17.64	−16	+4
11	11.53	30.79	+17	−3	24.52	22.39	−5	−9	41.64	17.99	−14	−5	61.35	17.70	−13	+7
12	11.83	30.47	+13	−6	25.05	22.18	−11	−7	42.28	17.91	−17	−1	61.96	17.77	−8	+9
13	12.14	30.16	+7	−8	25.59	21.97	−16	−4	42.91	17.83	−18	+2	62.57	17.84	−2	+9
14	12.45	29.85	0	−9	26.13	21.76	−18	0	43.55	17.76	−16	+5	63.18	17.92	+4	+7
15	12.77	29.54	−7	−8	26.68	21.56	−18	+4	44.19	17.69	−12	+8	63.79	18.00	+9	+3
16	13.10	29.23	−13	−6	27.23	21.36	−15	+7	44.82	17.63	−6	+9	64.40	18.08	+10	−2
17	13.44	28.93	−17	−2	27.79	21.17	−10	+9	45.46	17.57	0	+8	65.00	18.17	+9	−6
18	13.79	28.63	−18	+1	28.35	20.98	−3	+9	46.10	17.52	+6	+5	65.60	18.26	+4	−9
19	14.15	28.33	−17	+5	28.92	20.80	+4	+7	46.74	17.48	+10	+1	66.19	18.36	−2	−10
20	14.52	28.04	−13	+8	29.49	20.62	+10	+4	47.39	17.44	+11	−3	66.78	18.46	−8	−9
21	14.90	27.75	−6	+9	30.07	20.45	+12	−1	48.03	17.40	+8	−7	67.37	18.57	−13	−5
22	15.29	27.46	+1	+8	30.65	20.28	+12	−5	48.67	17.37	+3	−10	67.96	18.68	−14	0
23	15.68	27.17	+8	+6	31.23	20.12	+8	−8	49.32	17.34	−3	−10	68.54	18.79	−12	+4
24	16.08	26.89	+13	+2	31.82	19.96	+2	−10	49.96	17.31	−9	−7	69.12	18.91	−6	+8
25	16.49	26.61	+14	−3	32.41	19.80	−5	−9	50.60	17.29	−12	−3	69.69	19.03	+2	+10
26	16.90	26.33	+12	−7	33.00	19.64	−10	−6	51.24	17.28	−12	+2	70.26	19.16	+10	+10
27	17.32	26.06	+6	−10	33.60	19.49	−12	−1	51.88	17.27	−9	+6	70.82	19.29	+17	+7
28	17.75	25.79	−1	−10	34.20	19.35	−11	+4	52.52	17.26	−2	+9	71.38	19.43	+20	+3
29	18.19	25.52	−7	−8	34.81	19.21	−6	+8	53.16	17.26	+6	+10	71.93	19.57	+20	−1
30	18.64	25.26	−12	−4	35.42	19.07	+1	+10	53.80	17.27	+13	+9	72.48	19.72	+17	−5
31	19.09	25.00	−13	+1					54.44	17.28	+18	+6	73.02	19.87	+12	−8
32	19.55	24.75	−10	+5					55.08	17.29	+20	+2				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 10″	24.417	−24.396	−87° 39′ 20″	24.446	−24.425	−87° 39′ 30″	24.475	−24.454
20	24.446	−24.425	30	24.475	−24.454	40	24.504	−24.483

$\alpha_{1936.0} = 18^h\ 17^m\ 29^s.99$ $\delta_{1936.0} = -87°\ 39'\ 34''.60$

Sg) χ Octantis $5^{m}.22$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder	Juni AR.	Juni Dekl.	Juni ☾ Glieder	Juli AR.	Juli Dekl.	Juli ☾ Glieder	August AR.	August Dekl.	August ☾ Glieder
	$18^h 18^m$	−87° 39′	in 0.01s | 0.01″	$18^h 18^m$	−87° 39′	in 0.01s | 0.01″	$18^h 18^m$	−87° 39′	in 0.01s | 0.01″	$18^h 18^m$	−87° 39′	in 0.01s | 0.01″
1	13.02	19.87	+12 −8	26.98	26.26	−11 −5	33.47	34.99	−12 +7	31.13	43.83	+8 +5
2	13.56	20.02	+5 −9	27.32	26.51	−14 −2	33.54	35.29	−7 +8	30.91	44.09	+11 +1
3	14.10	20.18	−2 −8	27.65	26.77	−16 +2	33.59	35.59	−1 +9	30.68	44.35	+12 −3
4	14.63	20.34	−8 −7	27.97	27.03	−14 +5	33.63	35.89	+5 +7	30.44	44.60	+9 −7
5	15.15	20.50	−13 −4	28.28	27.29	−10 +8	33.67	36.18	+10 +4	30.19	44.85	+4 −9
6	15.67	20.67	−16 0	28.59	27.56	−5 +9	33.70	36.48	+12 −1	29.94	45.09	−3 −9
7	16.19	20.84	−16 +3	28.89	27.83	+1 +8	33.72	36.78	+11 −5	29.67	45.33	−9 −7
8	16.70	21.01	−14 +6	29.18	28.10	+7 +6	33.72	37.08	+7 −8	29.40	45.57	−13 −3
9	17.20	21.19	−9 +8	29.46	28.37	+11 +2	33.72	37.37	+1 −10	29.12	45.81	−14 +1
10	17.70	21.37	−3 +9	29.74	28.64	+11 −2	33.71	37.67	−6 −9	28.83	46.04	−11 +6
11	18.19	21.56	+3 +7	30.00	28.92	+9 −6	33.69	37.97	−12 −6	28.54	46.27	−4 +9
12	18.68	21.75	+8 +4	30.25	29.19	+3 −9	33.66	38.26	−15 −1	28.24	46.50	+3 +10
13	19.16	21.95	+10 0	30.49	29.47	−3 −10	33.62	38.55	−14 +3	27.93	46.72	+11 +9
14	19.63	22.15	+10 −4	30.73	29.75	−10 −8	33.57	38.84	−9 +7	27.61	46.94	+17 +6
15	20.09	22.35	+6 −8	30.96	30.03	−15 −4	33.51	39.13	−2 +10	27.28	47.16	+19 +1
16	20.55	22.55	0 −10	31.18	30.31	−16 0	33.45	39.42	+6 +10	26.95	47.37	+18 −3
17	21.00	22.76	−7 −9	31.39	30.60	−13 +5	33.38	39.71	+13 +8	26.61	47.58	+14 −6
18	21.45	22.97	−12 −7	31.60	30.89	−7 +9	33.29	40.00	+18 +4	26.26	47.78	+8 −8
19	21.89	23.19	−15 −2	31.79	31.17	+1 +10	33.20	40.29	+19 0	25.91	47.98	+1 −9
20	22.33	23.41	−14 +3	31.97	31.46	+10 +9	33.09	40.57	+17 −4	25.55	48.17	−5 −8
21	22.76	23.63	−10 +7	32.15	31.75	+16 +6	32.98	40.85	+12 −7	25.18	48.36	−11 −5
22	23.18	23.86	−2 +10	32.32	32.04	+19 +2	32.86	41.13	+6 −9	24.80	48.55	−15 −2
23	23.59	24.09	+6 +10	32.48	32.34	+19 −2	32.73	41.41	−1 −9	24.42	48.73	−16 +1
24	24.00	24.32	+14 +8	32.63	32.63	+16 −6	32.59	41.69	−7 −7	24.03	48.91	−15 +5
25	24.40	24.55	+19 +5	32.77	32.92	+10 −8	32.44	41.97	−12 −4	23.64	49.08	−12 +7
26	24.79	24.78	+21 +1	{32.90 33.02	33.22 33.51	+3 −9 −3 −8}	32.28	42.24	−15 −1	23.24	49.25	−7 +8
27	25.17	25.02	+19 −3	33.13	33.81	−9 −6	32.11	42.51	−16 +3	22.83	49.41	−1 +8
28	25.55	25.26	+14 −7	33.23	34.11	−14 −3	31.93	42.78	−14 +6	22.42	49.57	+5 +6
29	25.92	25.51	+8 −8	33.32	34.40	−16 +1	31.74	43.05	−10 +8	22.00	49.73	+9 +3
30	26.28	25.76	+1 −9	33.40	34.70	−15 +4	31.54	43.31	−4 +9	21.58	49.88	+11 −1
31	26.64	26.01	−6 −7	33.47	34.99	−12 +7	31.34	43.57	+2 +8	21.15	50.02	+10 −5
32	26.98	26.26	−11 −5				31.13	43.83	+8 +5	20.72	50.16	+5 −8

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 10″	24.417	−24.396	−87° 39′ 30″	24.475	−24.454	−87° 39′ 50″	24.533	−24.513
20	24.446	−24.425	40	24.504	−24.483	60	24.562	−24.542

$\alpha_{1936.0} = 18^h\ 17^m\ 29^s.99$ $\delta_{1936.0} = -87°\ 39'\ 34''.60$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sg) χ Octantis $5^m.22$

Tag	September AR.	September Dekl.	September ☾ Glieder	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder	November AR.	November Dekl.	November ☾ Glieder	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder
	$18^h 18^m$	— $87° 39'$	in $0^s.01$ | $0''.01$	$18^h 17^m$	— $87° 39'$	in $0^s.01$ | $0''.01$	$18^h 17^m$	— $87° 39'$	in $0^s.01$ | $0''.01$	$18^h 17^m$	— $87° 39'$	in $0^s.01$ | $0''.01$
1	$20^s.72$	$50''.16$	+ 5 − 8	$66^s.17$	$51''.77$	−11 − 7	$51^s.77$	$47''.88$	− 6 + 8	$43^s.72$	$39''.69$	+14 + 8
2	20.28	50.30	0 −10	65.66	51.73	−14 − 3	51.38	47.66	+ 3 +10	43.59	39.37	+19 + 4
3	19.84	50.43	− 7 − 8	65.16	51.69	−13 + 2	51.00	47.44	+11 + 9	43.47	39.05	+21 0
4	19.39	50.55	−12 − 5	64.65	51.64	− 9 + 6	50.63	47.22	+18 + 6	43.37	38.72	+19 − 4
5	18.94	50.67	−13 − 1	64.15	51.59	− 2 + 9	50.27	46.99	+21 + 2	43.28	38.39	+14 − 7
6	18.48	50.79	−11 + 4	63.64	51.53	+ 7 +10	49.91	46.76	+21 − 2	43.19	38.06	+ 7 − 9
7	18.02	50.90	− 6 + 8	63.14	51.46	+14 + 8	49.56	46.52	+17 − 6	43.12	37.73	0 − 8
8	17.56	51.00	+ 1 +10	62.64	51.38	+19 + 5	49.22	46.28	+11 − 8	43.06	37.40	− 6 − 6
9	17.09	51.10	+ 9 +10	62.15	51.30	+21 + 1	48.88	46.03	+ 4 − 9	43.01	37.07	−11 − 4
10	16.62	51.19	+15 + 7	61.66	51.22	+19 − 4	48.55	45.78	− 3 − 8	42.97	36.74	−13 0
11	16.14	51.27	+19 + 3	61.17	51.13	+14 − 7	48.23	45.53	− 8 − 5	42.94	36.40	−13 + 3
12	15.66	51.35	+20 − 1	60.68	51.03	+ 8 − 9	47.92	45.27	−12 − 2	42.92	36.06	−11 + 6
13	15.18	51.43	+17 − 5	60.19	50.93	+ 1 − 9	47.62	45.01	−14 + 1	42.92	35.73	− 8 + 8
14	14.69	51.50	+11 − 8	59.71	50.82	− 6 − 7	47.32	44.74	−13 + 4	42.92	35.39	− 3 + 8
15	14.20	51.56	+ 4 − 9	59.23	50.70	−11 − 4	47.03	44.47	−11 + 7	42.94	35.05	+ 3 + 7
16	13.71	51.62	− 3 − 8	58.75	50.58	−14 − 1	46.76	44.20	− 7 + 8	42.96	34.71	+ 7 + 5
17	13.22	51.67	− 9 − 6	58.28	50.45	−15 + 2	46.49	43.92	− 1 + 8	42.99	34.38	+10 + 1
18	12.72	51.72	−13 − 3	57.81	50.32	−14 + 5	46.23	43.64	+ 4 + 6	43.04	34.04	+10 − 3
19	12.22	51.76	−15 0	57.35	50.18	−10 + 7	45.98	43.35	+ 7 + 3	43.09	33.70	+ 7 − 7
20	11.72	51.79	−15 + 3	56.89	50.04	− 6 + 8	45.74	43.06	+ 9 − 1	43.16	33.36	+ 1 − 9
21	11.22	51.82	−13 + 6	56.44	49.89	0 + 8	45.51	42.77	+ 8 − 5	43.24	33.02	− 6 − 9
22	10.72	51.84	− 9 + 8	55.99	49.73	+ 5 + 6	45.29	42.47	+ 4 − 8	43.32	32.68	−12 − 7
23	10.22	51.86	− 4 + 8	55.54	49.57	+ 8 + 2	45.07	42.17	− 2 − 9	43.42	32.34	−16 − 4
24	9.71	51.87	+ 2 + 7	55.10	49.40	+ 9 − 2	44.86	41.87	− 9 − 9	43.53	32.00	−17 + 1
25	9.20	51.87	+ 6 + 4	54.66	49.23	+ 7 − 6	44.67	41.57	−14 − 6	43.65	31.66	−13 + 5
26	8.69	51.87	+ 9 0	54.23	49.05	+ 2 − 9	44.48	41.26	−16 − 2	*)43.78	31.32	− 7 + 9
27	8.19	51.86	+ 9 − 4	53.80	48.87	− 4 −10	44.31	40.95	−15 + 3	43.92	30.98	+ 2 +10
28	7.68	51.85	+ 6 − 7	53.38	48.68	−10 − 8	44.15	40.64	−10 + 7	44.07	30.65	+10 + 9
29	7.18	51.83	+ 1 − 9	52.97	48.49	−14 − 5	43.99	40.33	− 2 + 9	44.23	30.31	+17 + 5
30	6.67	51.80	− 5 − 9	52.56	48.29	−15 0	43.85	40.01	+ 7 +10	44.40	29.98	+20 + 1
31	6.17	51.77	−11 − 7	52.16	48.09	−12 + 5	43.72	39.69	+14 + 8	44.58	29.64	+19 − 3
32				51.77	47.88	− 6 + 8				44.77	29.31	+16 − 6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 39′ 20″	24.446	−24.425	−87° 39′ 30″	24.475	−24.454	−87° 39′ 50″	24.533	−24.513
30	24.475	−24.454	40	24.504	−24.483	60	24.562	−24.542

$\alpha_{1936.0} = 18^h\ 17^m\ 29^s.99$ $\delta_{1936.0} = -87°\ 39'\ 34''.60$

*) Tag der doppelten unteren Kulmination: Dez. 26.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sh) σ Octantis $5^m.48$

Tag	Januar				Februar				März				April			
	AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in		AR.	Dekl.	☾ Glieder in	
	$19^h 55^m$	−89° 10′	$0^s.01$	$0''.01$	$19^h 55^m$	−89° 10′	$0^s.01$	$0''.01$	$19^h 55^m$	−89° 10′	$0^s.01$	$0''.01$	$19^h 56^m$	−89° 10′	$0^s.01$	$0''.01$
1	12.29	49.44	+ 6	−10	20.68	38.29	−36	+ 3	50.32	29.08	−17	+ 9	37.30	22.48	+47	+ 6
2	12.13	49.08	−14	− 8	21.39	37.94	−28	+ 7	51.64	28.81	+ 2	+11	38.97	22.34	+52	+ 2
3	12.01	48.73	−30	− 5	22.12	37.59	−12	+10	52.98	28.54	+21	+10	40.64	22.20	+48	− 2
4	11.91	48.37	−39	0	22.88	37.25	+ 7	+11	54.33	28.27	+38	+ 8	42.32	22.06	+37	− 5
5	11.84	48.01	−36	+ 5	23.66	36.90	+26	+ 9	55.70	28.01	+47	+ 4	44.00	21.93	+20	− 8
6	11.80	47.65	−25	+ 8	24.46	36.56	+41	+ 6	57.08	27.75	+49	0	45.69	21.81	+ 2	− 8
7	11.79	47.29	− 6	+10	25.29	36.22	+47	+ 2	58.48	27.50	+42	− 4	47.38	21.69	−17	− 8
8	11.81	46.93	+14	+10	26.14	35.88	+46	− 2	59.89	27.25	+29	− 7	49.07	21.57	−33	− 6
9	11.86	46.57	+32	+ 8	27.01	35.54	+37	− 5	61.32	27.00	+12	− 8	50.77	21.46	−44	− 3
10	11.93	46.21	+43	+ 5	27.91	35.21	+22	− 8	62.76	26.76	− 7	− 9	52.47	21.35	−49	0
11	12.04	45.85	+47	+ 1	28.84	34.87	+ 4	− 9	64.22	26.52	−25	− 7	54.18	21.25	−46	+ 3
12	12.17	45.49	+43	− 3	29.78	34.54	−15	− 9	65.69	26.29	−40	− 5	55.88	21.16	−36	+ 6
13	12.33	45.12	+32	− 6	30.75	34.22	−32	− 7	67.17	26.06	−49	− 2	57.59	21.07	−20	+ 7
14	12.52	44.76	+15	− 8	31.74	33.89	−45	− 4	68.66	25.83	−51	+ 1	59.30	20.99	− 1	+ 7
15	12.74	44.40	− 3	− 9	32.75	33.57	−52	− 1	70.17	25.61	−45	+ 4	61.01	20.91	+16	+ 4
16	12.99	44.04	−22	− 8	33.79	33.25	−50	+ 3	71.69	25.39	−32	+ 7	62.73	20.83	+29	+ 1
17	13.26	43.67	−38	− 6	34.84	32.94	−40	+ 6	73.22	25.17	−13	+ 7	64.44	20.76	+33	− 3
18	13.57	43.31	−48	− 3	35.92	32.62	−24	+ 7	74.75	24.96	+ 7	+ 6	66.16	20.70	+27	− 7
19	13.90	42.94	−51	+ 1	37.01	32.31	− 3	+ 7	76.30	24.75	+24	+ 3	67.87	20.64	+14	−10
20	*)14.26	42.58	−46	+ 4	38.12	32.00	+17	+ 5	77.86	24.55	+34	− 1	69.58	20.58	− 5	−10
21	14.65	42.22	−32	+ 7	39.26	31.69	+32	+ 2	79.43	24.35	+35	− 5	71.30	20.53	−23	− 7
22	15.06	41.86	−13	+ 8	40.41	31.39	+40	− 2	81.01	24.16	+26	− 8	73.01	20.48	−36	− 3
23	15.50	41.50	+ 8	+ 7	41.59	31.09	+36	− 6	82.61	23.97	+10	−10	74.71	20.44	−37	+ 2
24	15.97	41.14	+27	+ 5	42.78	30.79	+23	− 9	84.21	23.79	− 9	− 8	76.42	20.41	−29	+ 6
25	16.47	40.78	+40	+ 1	43.99	30.50	+ 5	− 9	85.82	23.61	−25	− 6	78.13	20.38	−13	+10
26	16.99	40.42	+42	− 4	45.22	30.21	−14	− 7	87.44	23.44	−34	− 1	79.83	20.35	+ 7	+11
27	17.54	40.06	+33	− 7	46.47	29.92	−28	− 4	89.06	23.27	−33	+ 4	81.53	20.33	+28	+10
28	18.12	39.70	+17	− 9	47.74	29.64	−34	+ 1	90.70	23.10	−22	+ 8	83.22	20.31	+44	+ 7
29	18.72	39.34	− 3	− 9	49.02	29.36	−30	+ 6	92.34	22.94	− 4	+11	84.91	20.30	+53	+ 4
30	19.35	38.99	−22	− 6	50.32	29.08	−17	+ 9	93.99	22.78	+16	+11	86.60	20.29	+52	0
31	20.00	38.64	−34	− 2					95.64	22.63	+34	+ 9	88.28	20.29	+44	− 4
32	20.68	38.29	−36	+ 3					97.30	22.48	+47	+ 6				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 10′ 20″	69.219	−69.212	−89° 10′ 30″	69.452	−69.445	−89° 10′ 40″	69.686	−69.679
30	69.452	−69.445	40	69.686	−69.679	50	69.923	−69.916

$\alpha_{1936.0} = 19^h\ 56^m\ 9^s.32$ $\delta_{1936.0} = -89°\ 10'\ 44''.41$

*) Tag der doppelten unteren Kulmination: Jan. 20.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sh) σ Octantis $5^m.48$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
	$19^h 57^m$	$-89° 10'$	in $0^s.01$	in $0''.01$	$19^h 58^m$	$-89° 10'$	in $0^s.01$	in $0''.01$	$19^h 58^m$	$-89° 10'$	in $0^s.01$	in $0''.01$	$19^h 58^m$	$-89° 10'$	in $0^s.01$	in $0''.01$
1	$28^s.28$	$20''.29$	+44	− 4	$16^s.40$	$22''.66$	−19	− 7	$49^s.20$	$28''.81$	−45	0	$61^s.09$	$37''.84$	+10	+ 6
2	29.96	20.29	+29	− 7	17.76	22.81	−33	− 5	49.96	29.06	−43	+ 3	61.02	38.13	+26	+ 3
3	31.63	20.30	+11	− 8	19.10	22.96	−43	− 2	50.70	29.32	−34	+ 6	60.93	38.43	+36	0
4	33.30	20.32	− 8	− 8	20.43	23.12	−45	+ 1	51.42	29.58	−19	+ 7	60.81	38.72	+36	− 4
5	34.96	20.34	−25	− 7	21.74	23.28	−40	+ 5	52.11	29.85	0	+ 7	60.66	39.02	+26	− 8
6	36.62	20.36	−39	− 4	23.03	23.45	−29	+ 7	52.78	30.11	+18	+ 6	60.48	39.31	+10	− 9
7	38.27	20.39	−46	− 1	24.31	23.62	−12	+ 8	53.43	30.38	+32	+ 2	60.28	39.60	−10	− 9
8	39.91	20.42	−46	+ 2	25.57	23.79	+ 7	+ 7	54.05	30.65	+37	− 2	60.04	39.89	−27	− 6
9	41.55	20.46	−39	+ 5	26.82	23.97	+23	+ 4	54.65	30.92	+33	− 6	59.78	40.18	−37	− 2
10	43.18	20.50	−25	+ 7	28.04	24.15	+33	0	55.22	31.20	+19	− 9	59.50	40.47	−37	+ 3
11	44.80	20.55	− 7	+ 7	29.25	24.34	+34	− 4	55.77	31.47	0	−10	59.18	40.76	−27	+ 7
12	46.41	20.60	+12	+ 6	30.45	24.53	+25	− 8	56.29	31.75	−20	− 8	58.84	41.05	−10	+10
13	48.01	20.66	+26	+ 2	31.62	24.72	+10	−10	56.78	32.03	−35	− 5	58.47	41.33	+11	+10
14	49.61	20.72	+33	− 2	32.77	24.92	−10	−10	57.25	32.31	−41	0	58.08	41.62	+31	+ 9
15	51.20	20.79	+30	− 6	33.90	25.12	−29	− 7	57.70	32.59	−37	+ 5	57.66	41.90	+45	+ 5
16	52.77	20.86	+18	− 9	35.02	25.33	−40	− 3	58.12	32.87	−23	+ 8	57.22	42.18	+50	+ 1
17	54.34	20.94	+ 1	−10	36.11	25.54	−41	+ 2	58.51	33.15	− 3	+10	56.75	42.46	+47	− 3
18	55.89	21.02	−18	− 9	37.18	25.75	−32	+ 7	58.87	33.44	+18	+10	56.25	42.74	+36	− 6
19	57.44	21.11	−34	− 6	38.24	25.96	−15	+10	59.21	33.73	+37	+ 8	55.72	43.01	+19	− 8
20	58.97	21.20	−40	− 1	39.27	26.18	+ 7	+11	59.51	34.01	+48	+ 4	55.17	43.29	+ 1	− 8
21	60.50	21.30	−37	+ 4	40.28	26.40	+27	+10	59.79	34.30	+50	0	54.59	43.56	−17	− 7
22	62.01	21.40	−23	+ 8	41.27	26.63	+44	+ 6	60.05 60.27	34.60 34.89	+44 +30	− 4 − 6	53.98	43.83	−32	− 5
23	63.50	21.50	− 3	+11	42.24	26.86	+51	+ 2	60.48	35.18	+13	− 8	53.35	44.09	−43	− 2
24	64.99	21.61	+18	+11	43.19	27.09	+50	− 2	60.66	35.48	− 6	− 8	52.69	44.36	−47	+ 1
25	66.46	21.73	+37	+ 9	44.11	27.33	+40	− 5	60.81	35.77	−23	− 6	52.01	44.62	−43	+ 4
26	67.92	21.85	+49	+ 5	45.02	27.57	+24	− 7	60.93	36.07	−37	− 4	51.31	44.88	−33	+ 6
27	69.37	21.97	+53	+ 1	45.90	27.81	+ 6	− 8	61.03	36.36	−45	− 1	50.58	45.14	−18	+ 7
28	70.80	22.10	+48	− 3	46.76	28.06	−12	− 8	61.10	36.66	−46	+ 2	49.83	45.40	0	+ 7
29	72.22	22.23	+35	− 6	47.60	28.31	−28	− 6	61.14	36.95	−39	+ 5	49.05	45.65	+17	+ 5
30	73.63	22.37	+18	− 8	48.41	28.56	−40	− 3	61.15	37.25	−26	+ 7	48.25	45.90	+30	+ 1
31	75.02	22.51	0	− 8	49.20	28.81	−45	0	61.13	37.54	− 9	+ 7	47.42	46.14	+34	− 3
32	76.40	22.66	−19	− 7					61.09	37.84	+10	+ 6	46.57	46.38	+30	− 6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 10′ 20″	69.219	−69.212	−89° 10′ 30″	69.452	−69.445	−89° 10′ 40″	69.686	−69.679
30	69.452	−69.445	40	69.686	−69.679	50	69.923	−69.916

$\alpha_{1936.0} = 19^h\ 56^m\ 9^s.32$ $\delta_{1936.0} = -89°\ 10'\ 44''.41$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sh) σ Octantis $5^m.48$

Tag	September AR.	September Dekl.	September ☾ Glieder in 0.01 s	September ☾ Glieder in 0.01 "	Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder in 0.01 s	Oktober ☾ Glieder in 0.01 "
	$19^h 58^m$	−89° 10′			$19^h 57^m$	−89° 10′		
1	46.57 s	46.38 "	+30	−6	71.92 s	51.64 "	−15	−8
2	45.70	46.62	+17	−9	70.52	51.74	−29	−5
3	44.80	46.85	−1	−9	69.12	51.83	−36	−1
4	43.89	47.08	−19	−7	67.70	51.91	−34	+4
5	42.95	47.31	−32	−3	66.28	51.99	−21	+8
6	41.99	47.53	−36	+1	64.85	52.06	−2	+11
7	41.01	47.75	−30	+6	63.41	52.13	+20	+11
8	40.00	47.96	−15	+9	61.97	52.19	+39	+9
9	38.98	48.17	+5	+11	60.52	52.25	+50	+5
10	37.93	48.38	+25	+10	59.06	52.30	+54	+1
11	36.86	48.58	+42	+7	57.60	52.34	+48	−3
12	35.78	48.78	+50	+3	56.13	52.38	+35	−6
13	34.67	48.97	+50	−1	54.66	52.41	+17	−8
14	33.55	49.16	+42	−5	53.18	52.43	−2	−8
15	32.40	49.35	+27	−7	51.70	52.45	−19	−6
16	31.24	49.53	+8	−8	50.22	52.46	−33	−4
17	30.06	49.71	−10	−8	48.73	52.47	−41	−1
18	28.87	49.88	−26	−6	47.24	52.47	−44	+2
19	27.65	50.05	−38	−3	45.75	52.46	−40	+4
20	26.42	50.21	−45	0	44.26	52.45	−30	+6
21	25.17	50.37	−47	+3	42.77	52.43	−14	+7
22	23.91	50.52	−38	+5	41.28	52.40	+2	+6
23	22.63	50.67	−25	+7	39.80	52.37	+16	+4
24	21.34	50.81	−8	+7	38.31	52.33	+26	0
25	20.03	50.94	+9	+5	36.83	52.29	+28	−4
26	18.71	51.07	+23	+2	35.35	52.24	+21	−8
27	17.37	51.20	+30	−2	33.88	52.18	+7	−10
28	16.03	51.32	+29	−5	32.41	52.12	−11	−10
29	14.67	51.43	+19	−8	30.94	52.05	−27	−7
30	13.30	51.54	+3	−9	29.48	51.97	−38	−3
31	11.92	51.64	−15	−8	28.02	51.89	−38	+2
32					26.58	51.80	−29	+6

Tag	November AR.	November Dekl.	November ☾ Glieder in 0.01 s	November ☾ Glieder in 0.01 "	Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder in 0.01 s	Dezember ☾ Glieder in 0.01 "
	$19^h 56^m$	−89° 10′			$19^h 56^m$	−89° 10′		
1	86.58 s	51.80 "	−29	+6	49.03 s	46.41 "	+21	+10
2	85.14	51.71	−11	+10	48.05	46.15	+41	+8
3	83.70	51.61	+11	+11	47.10	45.88	+52	+4
4	82.28	51.50	+32	+10	46.17	45.61	+55	0
5	80.87	51.39	+48	+7	45.27	45.34	+48	−3
6	79.46	51.27	+55	+3	44.39	45.06	+34	−6
7	78.07	51.14	+53	−1	43.54	44.78	+15	−7
8	76.68	51.01	+42	−5	42.71	44.49	−3	−7
9	75.31	50.87	+26	−7	41.90	44.20	−20	−6
10	73.95	50.73	+7	−8	41.12	43.91	−32	−3
11	72.60	50.58	−11	−7	40.36	43.61	−39	0
12	71.26	50.42	−26	−5	39.63	43.31	−39	+3
13	69.94	50.26	−37	−2	38.93	43.01	−33	+5
14	68.63	50.09	−42	+1	38.25	42.70	−22	+7
15	67.34	49.92	−39	+4	37.59	42.39	−7	+7
16	66.06	49.74	−32	+6	36.97	42.07	+9	+6
17	64.80	49.56	−18	+7	36.37	41.75	+23	+3
18	63.55	49.37	−2	+7	35.79	41.43	+30	−1
19	62.32	49.17	+13	+5	35.25	41.10	+29	−5
20	61.11	48.97	+24	+1	34.73	40.77	+19	−8
21	59.91	48.76	+29	−3	34.24	40.44	+3	−10
22	58.73	48.55	+24	−6	33.78	40.11	−16	−9
23	57.57	48.33	+12	−9	33.35	39.78	−33	−7
24	56.43	48.11	−6	−10	32.94	39.44	−43	−3
25	55.31	47.88	−24	−9	32.56	39.10	−43	+2
26	54.21	47.65	−37	−5	32.21	38.76	−32	+6
27	53.14	47.41	−43	−1	31.89	38.42	−13	+9
28	52.08	47.17	−38	+4	31.60	38.08	+9	+10
29	51.04	46.92	−23	+8	31.33	37.73	+31	+9
30	50.02	46.67	−1	+10	31.09	37.38	+47	+6
31	49.03	46.41	+21	+10	30.89	37.03	+53	+1
32					30.71	36.68	+50	−2

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−89° 10′ 30″	69.452	−69.445	−89° 10′ 40″	69.686	−69.679	−89° 10′ 50″	69.923	−69.916
40	69.686	−69.679	50	69.923	−69.916	60	70.160	−70.153

$\alpha_{1936.0} = 19^h\ 56^m\ 9^s.32$ $\qquad$ $\delta_{1936.0} = -89°\ 10'\ 44''.41$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Si) β Octantis $4^{m}.34$

Tag	Januar AR.	Dekl.	☾ Glieder	Februar AR.	Dekl.	☾ Glieder	März AR.	Dekl.	☾ Glieder	April AR.	Dekl.	☾ Glieder
	$22^h 39^m$	−81° 43′	in $0.^s01$ | $0.''01$	$22^h 39^m$	−81° 42′	in $0.^s01$ | $0.''01$	$22^h 39^m$	−81° 42′	in $0.^s01$ | $0.''01$	$22^h 39^m$	−81° 42′	in $0.^s01$ | $0.''01$
1	$36.^s29$	$17.''18$	+3 −7	$33.^s81$	$68.''24$	−4 −2	$33.^s45$	$57.''53$	−4 +5	$35.^s18$	$46.''06$	+3 +11
2	36.18	16.96	0 −8	33.76	67.90	−4 +2	*)33.47	57.15	−2 +9	35.27	45.72	+5 +8
3	36.07	16.73	−2 −8	33.72	67.55	−3 +6	33.49	56.76	0 +11	35.36	45.38	+5 +4
4	35.97	16.50	−4 −5	33.68	67.20	−1 +9	33.52	56.38	+2 +11	35.46	45.04	+5 0
5	35.86	16.26	−5 −1	33.64	66.85	+1 +11	33.55	56.00	+4 +9	35.55	44.70	+4 −3
6	35.76	16.02	−4 +3	33.61	66.49	+3 +10	33.58	55.62	+5 +6	35.65	44.37	+2 −6
7	35.66	15.77	−3 +7	33.58	66.13	+4 +8	33.62	55.24	+5 +2	35.75	44.04	0 −8
8	35.56	15.52	−1 +10	33.55	65.77	+5 +5	33.66	54.86	+4 −1	35.85	43.71	−2 −9
9	35.46	15.26	+1 +11	33.52	65.41	+5 +1	33.70	54.48	+3 −5	35.95	43.39	−4 −8
10	35.37	15.00	+3 +9	33.49	65.04	+4 −3	33.74	54.10	+1 −8	36.05	43.07	−5 −6
11	35.28	14.73	+5 +7	33.46	64.68	+2 −6	33.78	53.72	−1 −9	36.16	42.75	−5 −3
12	35.19	14.46	+5 +3	33.44	64.31	0 −9	33.83	53.34	−3 −9	36.27	42.43	−5 0
13	35.10	14.18	+5 −1	33.42	63.94	−2 −10	33.88	52.96	−5 −8	36.38	42.12	−4 +3
14	35.01	13.90	+3 −4	33.41	63.57	−4 −9	33.93	52.59	−6 −6	36.49	41.81	−1 +5
15	34.93	13.62	+1 −7	33.39	63.20	−5 −7	33.98	52.22	−6 −2	36.60	41.50	+1 +6
16	34.84	13.33	0 −9	33.38	62.83	−6 −4	34.04	51.84	−5 +1	36.71	41.20	+3 +5
17	34.76	13.04	−3 −10	33.37	62.46	−5 −1	34.09	51.47	−3 +4	36.83	40.90	+4 +2
18	34.68	12.75	−4 −9	33.36	62.08	−4 +3	34.15	51.10	0 +6	36.95	40.61	+4 −2
19	34.60	12.45	−5 −6	33.36	61.71	−2 +5	34.21	50.73	+2 +6	37.07	40.32	+3 −6
20	34.53	12.15	−6 −3	33.35	61.33	+1 +6	34.27	50.36	+4 +4	37.19	40.03	+2 −8
21	34.46	11.84	−5 +1	33.35	60.95	+3 +6	34.33	49.99	+5 +1	37.32	39.75	−1 −9
22	34.39	11.53	−3 +4	33.35	60.57	+5 +3	34.40	49.62	+4 −3	37.44	39.47	−3 −7
23	34.32	11.22	−1 +7	33.35	60.19	+5 0	34.47	49.26	+3 −6	37.56	39.19	−4 −3
24	34.26	10.90	+2 +7	33.36	59.81	+4 −4	34.54	48.90	+1 −8	37.69	38.91	−4 +1
25	34.20	10.58	+4 +6	33.37	59.43	+2 −7	34.62	48.54	−1 −8	37.82	38.64	−3 +6
26	34.14	10.25	+5 +3	33.38	59.05	0 −8	34.69	48.18	−3 −6	37.95	38.37	−2 +10
27	34.08	9.92	+5 −1	33.39	58.67	−2 −7	34.77	47.82	−4 −1	38.08	38.11	+1 +12
28	34.02	9.59	+4 −5	33.41	58.29	−4 −4	34.85	47.46	−4 +4	38.21	37.85	+3 +12
29	33.96	9.26	+1 −7	33.43	57.91	−4 +1	34.93	47.11	−3 +8	38.34	37.59	+5 +10
30	33.91	8.92	−1 −8	33.45	57.53	−4 +5	35.01	46.76	−1 +11	38.47	37.34	+5 +6
31	33.86	8.58	−3 −7				35.09	46.41	+1 +12	38.61	37.09	+5 +2
32	33.81	8.24	−4 −2				35.18	46.06	+3 +11			

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 42′ 30″	6.934	−6.862	−81° 42′ 50″	6.939	−6.866	−81° 43′ 10″	6.943	−6.871
40	6.937	−6.864	60	6.941	−6.869	20	6.946	−6.873

$\alpha_{1936.0} = 22^h\ 39^m\ 38.^s11$ $\delta_{1936.0} = -81°\ 43'\ 5.''23$

*) Tag der doppelten unteren Kulmination: März 2.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Si) β Octantis $4^m.34$

Tag	Mai			Juni			Juli			August		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
		—	in		—	in		—	in		—	in
	$22^h\,39^m$	$81^\circ\,42'$	$0^s.01$ | $0''.01$	$22^h\,39^m$	$81^\circ\,42'$	$0^s.01$ | $0''.01$	$22^h\,39^m$	$81^\circ\,42'$	$0^s.01$ | $0''.01$	$22^h\,39^m$	$81^\circ\,42'$	$0^s.01$ | $0''.01$
1	38.61	37.09	+5 + 2	43.26	31.76	0 − 8	47.91	31.37	−5 − 6	51.71	35.86	−2 + 4
2	38.75	36.85	+4 − 1	43.42	31.67	−2 − 8	48.06	31.44	−5 − 3	51.80	36.08	0 + 6
3	38.88	36.61	+3 − 5	43.58	31.58	−4 − 7	48.20	31.52	−5 0	51.89	36.30	+2 + 6
4	39.02	36.38	+1 − 7	43.74	31.50	−5 − 5	48.34	31.60	−3 + 3	51.98	36.52	+4 + 4
5	39.16	36.15	−1 − 8	43.90	31.43	−5 − 2	48.48	31.69	−1 + 6	52.07	36.75	+5 + 1
6	39.30	35.93	−3 − 8	44.05	31.36	−4 + 1	48.62	31.78	+1 + 7	52.16	36.98	+4 − 2
7	39.44	35.71	−4 − 7	44.21	31.29	−3 + 4	48.76	31.88	+3 + 6	52.24	37.21	+3 − 6
8	39.58	35.49	−5 − 4	44.37	31.23	−1 + 6	48.90	31.98	+4 + 3	52.32	37.45	+1 − 8
9	39.73	35.28	−5 − 1	44.54	31.18	+1 + 6	49.04	32.09	+5 0	52.40	37.69	−2 − 8
10	39.88	35.07	−4 + 2	44.70	31.13	+3 + 4	49.18	32.20	+4 − 4	52.48	37.93	−3 − 6
11	40.02	34.87	−2 + 5	44.86	31.09	+4 + 1	49.31	32.31	+2 − 7	52.55	38.18	−4 − 2
12	40.17	34.67	0 + 6	45.02	31.05	+4 − 3	49.44	32.43	0 − 9	52.62	38.43	−4 + 2
13	40.32	34.48	+2 + 5	45.17	31.02	+3 − 6	49.57	32.56	−3 − 8	52.69	38.68	−3 + 6
14	40.47	34.29	+4 + 3	45.33	30.99	+1 − 9	49.70	32.69	−4 − 5	52.75	38.94	−1 +10
15	40.62	34.10	+4 − 1	45.49	30.97	−1 − 9	49.83	32.83	−5 − 1	52.81	39.20	+1 +11
16	40.77	33.92	+4 − 4	45.64	30.96	−3 − 7	49.96	32.97	−4 + 4	52.87	39.46	+3 +10
17	40.92	33.75	+2 − 8	45.80	30.95	−5 − 4	50.08	33.12	−2 + 8	52.93	39.72	+5 + 8
18	41.08	33.58	0 − 9	45.95	30.94	−5 + 1	50.20	33.27	0 +10	52.99	39.99	+5 + 4
19	41.23	33.42	−2 − 9	46.11	30.94	−4 + 6	50.32	33.43	+2 +11	53.04	40.26	+5 0
20	41.38	33.26	−4 − 6	46.26	30.95	−2 + 9	50.44	33.59	+4 + 9	53.09	40.53	+3 − 3
21	41.54	33.11	−5 − 1	46.42	30.96	+1 +11	50.56	33.76	+5 + 6	53.13	40.80	+2 − 6
22	41.69	32.96	−4 + 3	46.57	30.98	+3 +11	50.67	33.93	+5 + 3	53.17	41.08	0 − 8
23	41.85	32.82	−3 + 8	46.72	31.00	+5 + 9	50.78	34.10	+4 − 1	53.21	41.36	−2 − 8
24	42.00	32.68	0 +11	46.88	31.03	+5 + 5	50.89	34.28	+3 − 5	53.25	41.64	−4 − 8
25	42.16	32.54	+2 +12	47.03	31.06	+5 + 1	51.00	34.46	+1 − 7	53.29	41.92	−5 − 6
26	42.31	32.41	+4 +10	47.18	31.10	+4 − 2	51.11	34.65	−1 − 8	53.32	42.20	−5 − 3
27	42.47	32.29	+5 + 8	47.33	31.14	+2 − 6	51.22	34.84	−3 − 8	53.35	42.49	−5 0
28	42.62	32.17	+5 + 4	47.47	31.19	0 − 7	51.32	35.04	−4 − 7	53.38	42.78	−3 + 3
29	42.78	32.06	+5 0	47.62	31.25	−2 − 8	51.42	35.24	−5 − 4	53.40	43.06	−1 + 5
30	42.94	31.95	+3 − 4	47.76	31.31	−3 − 8	51.52	35.44	−5 − 1	53.42	43.35	+1 + 6
31	43.10	31.85	+2 − 6	47.91	31.37	−5 − 6	51.62	35.65	−4 + 2	{ 53.44 { 53.46	43.64 43.93	+3 + 5 } +4 + 2 }
32	43.26	31.76	0 − 8				51.71	35.86	−2 + 4	53.47	44.22	+4 − 1

δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 42′ 30″	6.934	−6.862	−81° 42′ 40″	6.937	−6.864
40	6.937	−6.864	50	6.939	−6.866

$\alpha_{1936.0} = 22^h\ 39^m\ 38^s.11$ $\delta_{1936.0} = -81^\circ\ 43'\ 5''.23$

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Si) β Octantis $4^m.34$

Tag	September			Oktober			November			Dezember		
	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder	AR.	Dekl.	☾ Glieder
	$22^h\,39^m$	$-81°\,42'$	in $0^s.01$ | $0''.01$	$22^h\,39^m$	$-81°\,42'$	in $0^s.01$ | $0''.01$	$22^h\,39^m$	$-81°\,42'$	in $0^s.01$ | $0''.01$	$22^h\,39^m$	$-81°\,42'$	in $0^s.01$ | $0''.01$
1	^{s}53.47	$''$44.22	+4 − 1	^{s}52.58	$''$52.92	0 − 8	^{s}49.38	$''$59.51	−4 + 1	^{s}45.17	$''$61.13	0 +11
2	53.48	44.52	+4 − 5	52.51	53.19	−2 − 8	49.25	59.65	−3 + 6	45.02	61.09	+2 +12
3	53.49	44.81	+2 − 7	52.44	53.45	−4 − 5	49.12	59.79	−1 +10	44.88	61.04	+4 +10
4	53.50	45.10	0 − 8	52.36	53.71	−4 − 1	48.99	59.92	+1 +12	44.74	60.98	+5 + 7
5	53.50	45.40	−3 − 7	52.28	53.97	−4 + 4	48.86	60.04	+3 +12	44.59	60.92	+6 + 3
6	53.50	45.70	−4 − 4	52.20	54.23	−2 + 8	48.72	60.16	+5 + 9	44.45	60.85	+5 0
7	53.50	45.99	−4 + 1	52.11	54.48	0 +11	48.59	60.27	+6 + 6	44.31	60.77	+3 − 4
8	53.49	46.29	−4 + 6	52.03	54.73	+2 +12	48.45	60.37	+5 + 2	44.17	60.69	+1 − 6
9	53.48	46.59	−2 + 9	51.94	54.98	+4 +11	48.31	60.47	+4 − 2	44.03	60.60	−1 − 7
10	53.47	46.88	0 +11	51.85	55.22	+5 + 8	48.18	60.57	+2 − 5	43.89	60.51	−3 − 7
11	53.45	47.18	+3 +11	51.76	55.46	+5 + 4	48.04	60.66	0 − 7	43.76	60.41	−4 − 5
12	53.43	47.48	+4 + 9	51.66	55.70	+5 0	47.90	60.74	−2 − 7	43.62	60.31	−5 − 3
13	53.41	47.77	+5 + 6	51.57	55.93	+3 − 4	47.76	60.81	−3 − 7	43.48	60.20	−5 0
14	53.39	48.07	+5 + 2	51.47	56.16	+1 − 6	47.61	60.88	−4 − 5	43.35	60.08	−4 + 2
15	53.36	48.36	+4 − 2	51.37	56.38	−1 − 7	47.47	60.94	−5 − 2	43.21	59.96	−2 + 4
16	53.33	48.65	+3 − 5	51.27	56.60	−3 − 7	47.32	61.00	−4 0	43.08	59.83	0 + 6
17	53.30	48.95	0 − 7	51.16	56.82	−4 − 6	47.18	61.05	−3 + 3	42.95	59.69	+2 + 5
18	53.27	49.24	−1 − 8	51.06	57.03	−5 − 4	47.04	61.09	−1 + 5	42.82	59.55	+3 + 3
19	53.23	49.53	−3 − 8	50.95	57.24	−5 − 2	46.89	61.13	0 + 5	42.70	59.40	+4 0
20	53.19	49.82	−4 − 6	50.84	57.44	−4 + 1	46.75	61.17	+2 + 4	42.57	59.25	+4 − 4
21	53.15	50.11	−5 − 4	50.73	57.64	−3 + 3	46.61	61.20	+4 + 2	42.44	59.09	+2 − 7
22	53.10	50.40	−5 − 1	50.61	57.83	−1 + 5	46.46	61.22	+4 − 2	42.32	58.92	0 −10
23	53.05	50.69	−4 + 2	50.50	58.02	+1 + 5	46.32	61.23	+3 − 6	42.19	58.75	−2 −10
24	53.00	50.97	−2 + 4	50.38	58.21	+3 + 3	46.17	61.24	+2 − 9	42.07	58.57	−4 − 8
25	52.95	51.26	0 + 5	50.26	58.39	+4 0	46.03	61.24	−1 −10	41.95	58.39	−5 − 4
26	52.90	51.54	+2 + 5	50.14	58.57	+4 − 3	45.88	61.24	−3 − 9	41.83	58.20	−5 + 1
27	52.84	51.82	+4 + 3	50.01	58.74	+3 − 7	45.74	61.23	−4 − 6	41.71	58.00	−3 + 6
28	52.78	52.10	+4 0	49.89	58.90	+1 − 9	45.59	61.21	−5 − 1	41.60	57.80	−1 + 9
29	52.72	52.38	+4 − 4	49.77	59.06	−1 − 9	45.45	61.19	−4 + 4	41.49	57.60	+1 +11
30	52.65	52.65	+2 − 7	49.64	59.22	−3 − 7	45.31	61.16	−2 + 8	41.37	57.39	+4 +11
31	52.58	52.92	0 − 8	49.51	59.37	−4 − 4	45.17	61.13	0 +11	41.26	57.17	+5 + 8
32				49.38	59.51	−4 + 1				41.15	56.95	+6 + 5

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−81° 42′ 40″	6.937	−6.864	−81° 42′ 50″	6.939	−6.866	−81° 43′ 0″	6.941	−6.869
50	6.939	−6.866	60	6.941	−6.869	10	6.943	−6.871

$\alpha_{1936.0} = 22^h\ 39^m\ 38^s.11$ $\delta_{1936.0} = -81°\ 43'\ 5''.23$

Sk) τ Octantis $5^m.56$

Tag	Januar AR.	Januar Dekl.	Januar ☾ Glieder in		Februar AR.	Februar Dekl.	Februar ☾ Glieder in		März AR.	März Dekl.	März ☾ Glieder in		April AR.	April Dekl.	April ☾ Glieder in	
	$23^h 18^m$	— $87° 50'$	$0^s.01$	$0''.01$	$23^h 18^m$	— $87° 49'$	$0^s.01$	$0''.01$	$23^h 18^m$	— $87° 49'$	$0^s.01$	$0''.01$	$23^h 18^m$	— $87° 49'$	$0^s.01$	$0''.01$
1	$68^s.00$	$16''.55$	+14	−6	$54^s.92$	$68''.27$	−14	−4	$49^s.61$	$57''.60$	−17	+4	$52^s.14$	$45''.61$	+5	+11
2	67.48	16.36	+6	−8	54.62	67.93	−17	0	49.56	57.21	−13	+8	52.36	45.24	+12	+9
3	66.97	16.16	−3	−8	54.32	67.59	−16	+5	49.52	56.82	−7	+10	52.58	44.87	+16	+6
4	66.46	15.96	−11	−6	54.03	67.25	−12	+8	49.49	56.43	0	+11	52.81	44.51	+17	+2
5	65.96	15.75	−16	−3	53.75	66.91	−5	+10	49.46	56.03	+8	+10	53.05	44.14	+15	−2
6	65.47	15.54	−18	+2	53.48	66.57	+3	+10	49.45	55.64	+13	+8	53.29	43.78	+11	−5
7	64.98	15.32	−15	+6	53.22	66.22	+10	+9	49.45	55.25	+16	+4	53.54	43.42	+5	−8
8	64.50	15.09	−9	+9	52.97	65.87	+15	+6	49.45	54.85	+16	0	53.80	43.06	−2	−9
9	64.02	14.86	−2	+11	52.72	65.51	+17	+2	49.46	54.46	+14	−4	54.07	42.71	−8	−9
10	63.55	14.62	+6	+10	52.48	65.15	+16	−2	49.48	54.07	+9	−7	54.35	42.36	−14	−8
11	63.08	14.38	+12	+8	52.25	64.79	+12	−5	49.51	53.68	+2	−9	54.63	42.01	−17	−5
12	62.62	14.13	+16	+5	52.03	64.43	+6	−8	*)49.55	53.29	−4	−10	54.92	41.67	−17	−2
13	62.17	13.88	+17	+1	51.82	64.06	0	−10	49.60	52.89	−11	−9	55.22	41.33	−14	+2
14	61.73	13.63	+15	−3	51.62	63.69	−7	−10	49.66	52.50	−16	−7	55.52	40.99	−8	+4
15	61.29	13.37	+10	−6	51.43	63.32	−13	−9	49.73	52.11	−18	−4	55.83	40.65	−1	+6
16	60.86	13.10	+4	−9	51.25	62.95	−17	−6	49.80	51.72	−17	0	56.15	40.31	+8	+5
17	60.43	12.83	−3	−10	51.07	62.58	−18	−3	49.88	51.33	−12	+3	56.48	39.98	+14	+3
18	60.01	12.56	−10	−9	50.91	62.21	−16	+1	49.97	50.94	−5	+5	56.82	39.65	+17	0
19	59.60	12.28	−15	−8	50.75	61.83	−10	+4	50.07	50.55	+3	+6	57.16	39.33	+16	−4
20	59.19	11.99	−18	−4	50.60	61.45	−2	+6	50.18	50.16	+11	+5	57.51	39.01	+11	−7
21	58.79	11.70	−17	0	50.46	61.07	+7	+6	50.30	49.77	+16	+2	57.86	38.69	+3	−8
22	58.40	11.41	−13	+3	50.33	60.69	+14	+5	50.43	49.39	+18	−1	58.22	38.37	−6	−7
23	58.02	11.12	−6	+6	50.21	60.31	+18	+2	50.56	49.01	+15	−5	58.59	38.06	−13	−5
24	57.65	10.82	+2	+7	50.10	59.92	+17	−2	50.70	48.62	+8	−7	58.96	37.75	−16	0
25	57.28	10.51	+11	+7	50.00	59.54	+13	−5	50.85	48.24	0	−8	59.34	37.44	−16	+4
26	56.92	10.20	+16	+4	49.91	59.16	+5	−7	51.01	47.86	−9	−6	59.73	37.14	−12	+9
27	56.57	9.89	+18	0	49.82	58.77	−4	−7	51.18	47.48	−15	−2	60.12	36.84	−5	+11
28	56.22	9.58	+16	−3	49.74	58.38	−11	−5	51.36	47.10	−17	+2	60.52	36.55	+2	+12
29	55.88	9.26	+10	−6	49.67	57.99	−16	−1	51.54	46.73	−15	+7	60.93	36.26	+10	+11
30	55.55	8.93	+2	−8	49.61	57.60	−17	+4	51.73	46.35	−10	+10	61.34	35.97	+15	+8
31	55.23	8.60	−7	−7					51.93	45.98	−2	+12	61.76	35.69	+17	+4
32	54.92	8.27	−14	−4					52.14	45.61	+5	+11				

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 49′ 30″	26.349	−26.330	−87° 49′ 50″	26.417	−26.398	−87° 50′ 10″	26.484	−26.466
40	26.383	−26.364	60	26.451	−26.432	20	26.518	−26.500

$\alpha_{1936.0} = 23^h\ 19^m\ 14^s.06$ $\qquad \delta_{1936.0} = -87°\ 50'\ 3''.69$

*) Tag der doppelten unteren Kulmination: März 12.

Scheinbare Sternörter 1936

Obere Kulmination Greenwich

Sk) τ Octantis $5^m.56$

Tag	Mai AR.	Mai Dekl.	Mai ☾ Glieder		Juni AR.	Juni Dekl.	Juni ☾ Glieder		Juli AR.	Juli Dekl.	Juli ☾ Glieder		August AR.	August Dekl.	August ☾ Glieder	
		—	in			—	in			—	in			—	in	
	$23^h 19^m$	87° 49′	$0^s.01$	0″.01	$23^h 19^m$	87° 49′	$0^s.01$	0″.01	$23^h 19^m$	87° 49′	$0^s.01$	0″.01	$23^h 19^m$	87° 49′	$0^s.01$	0″.01
1	$1^s.76$	35″.69	+17	+ 4	$16^s.94$	29″.16	+ 3	− 8	$33^s.54$	27″.60	−13	− 7	$48^s.51$	31″.18	−11	+ 4
2	2.18	35.41	+16	0	17.48	29.03	− 3	− 8	34.08	27.64	−16	− 4	48.90	31.38	− 5	+ 6
3	2.61	35.14	+13	− 4	18.03	28.90	− 9	− 8	34.62	27.68	−17	− 1	49.29	31.58	+ 3	+ 6
4	3.04	34.87	+ 7	− 7	18.57	28.78	−14	− 6	35.16	27.73	−15	+ 2	49.67	31.78	+10	+ 5
5	3.48	34.60	+ 1	− 8	19.12	28.67	−17	− 3	35.69	27.78	− 9	+ 5	50.05	31.98	+16	+ 3
6	3.92	34.34	− 6	− 9	19.67	28.56	−16	0	36.22	27.84	− 2	+ 7	50.42	32.19	+17	− 1
7	4.37	34.08	−12	− 8	20.22	28.45	−13	+ 3	36.75	27.90	+ 7	+ 6	50.78	32.41	+14	− 5
8	4.82	33.83	−16	− 5	20.78	28.35	− 6	+ 5	37.27	27.97	+13	+ 4	51.13	32.63	+ 8	− 7
9	5.28	33.58	−17	− 2	21.34	28.25	+ 1	+ 6	37.79	28.05	+17	+ 1	51.48	32.85	0	− 8
10	5.74	33.34	−16	+ 1	21.89	28.16	+ 9	+ 5	38.31	28.13	+17	− 3	51.81	33.08	− 9	− 7
11	6.21	33.10	−11	+ 4	22.45	28.08	+15	+ 3	38.83	28.21	+12	− 6	52.14	33.31	−14	− 4
12	6.68	32.86	− 3	+ 6	23.01	28.00	+17	− 1	39.34	28.30	+ 4	− 8	52.46	33.55	−17	+ 1
13	7.16	32.63	+ 5	+ 6	23.57	27.93	+15	− 5	39.85	28.40	− 4	− 8	52.77	33.79	−15	+ 5
14	7.64	32.40	+12	+ 4	24.12	27.87	+ 9	− 8	40.35	28.50	−12	− 6	53.07	34.03	−10	+ 9
15	8.13	32.18	+16	+ 1	24.68	27.81	+ 1	− 9	40.85	28.60	−16	− 2	53.37	34.28	− 2	+11
16	8.62	31.96	+17	− 3	25.24	27.75	− 8	− 8	41.34	28.71	−17	+ 2	53.66	34.53	+ 5	+10
17	9.11	31.75	+13	− 6	25.80	27.70	−14	− 5	41.83	28.83	−14	+ 6	53.94	34.78	+12	+ 9
18	9.61	31.54	+ 6	− 9	26.36	27.66	−17	− 1	42.31	28.95	− 7	+10	54.21	35.04	+16	+ 5
19	10.11	31.34	− 2	− 9	26.92	27.62	−16	+ 4	42.79	29.08	+ 1	+11	54.47	35.30	+17	+ 2
20	10.61	31.14	−11	− 7	27.48	27.59	−11	+ 8	43.27	29.21	+ 8	+10	54.72	35.56	+15	− 2
21	11.12	30.95	−16	− 3	28.04	27.56	− 4	+11	43.74	29.35	+14	+ 8	54.96	35.83	+10	− 5
22	11.63	30.76	−17	+ 2	28.59	27.54	+ 4	+11	44.20	29.49	+17	+ 4	55.19	36.10	+ 4	− 8
23	12.15	30.58	−14	+ 7	29.14	27.52	+11	+10	44.66	29.64	+16	0	55.41	36.37	− 2	− 8
24	12.67	30.40	− 8	+10	29.70	27.51	+16	+ 7	45.11	29.79	+13	− 3	55.62	36.64	− 9	− 8
25	13.19	30.22	− 1	+12	30.25	27.51	+17	+ 3	45.56	29.95	+ 8	− 6	55.83	36.92	−14	− 7
26	13.72	30.05	+ 7	+11	30.80	27.51	+15	− 1	46.00	30.11	+ 1	− 8	56.03	37.20	−17	− 4
27	14.25	29.89	+13	+ 9	31.35	27.52	+12	− 4	46.43	30.28	− 5	− 9	56.22	37.48	−17	− 1
28	14.78	29.73	+17	+ 5	31.90	27.53	+ 6	− 7	46.86	30.45	−11	− 8	56.39	37.76	−14	+ 2
29	15.32	29.58	+17	+ 1	32.45	27.55	− 1	− 8	47.28	30.63	−15	− 6	56.55	38.05	− 8	+ 4
30	15.86	29.43	+15	− 2	33.00	27.57	− 7	− 8	47.70	30.81	−17	− 3	56.71	38.34	0	+ 6
31	16.40	29.29	+10	− 5	33.54	27.60	−13	− 7	48.11	30.99	−15	0	56.86	38.63	+ 8	+ 5
32	16.94	29.16	+ 3	− 8					48.51	31.18	−11	+ 4	56.99	38.92	+14	+ 3

δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 49′ 20″	26.316	−26.297	−87° 49′ 30″	26.349	−26.330
30	26.349	−26.330	40	26.383	−26.364

$\alpha_{1936.0} = 23^h\ 19^m\ 14^s.06$ $\delta_{1936.0} = -87°\ 50'\ 3''.69$

Obere Kulmination Greenwich

Sk) τ Octantis 5ᵐ56

Tag	September AR.	September Dekl.	September ☾ Glieder		Oktober AR.	Oktober Dekl.	Oktober ☾ Glieder		November AR.	November Dekl.	November ☾ Glieder		Dezember AR.	Dezember Dekl.	Dezember ☾ Glieder	
	$23^h 19^m$	−87° 49′	in 0ˢ.01	in 0″.01	$23^h 19^m$	−87° 49′	in 0ˢ.01	in 0″.01	$23^h 19^m$	−87° 49′	in 0ˢ.01	in 0″.01	$23^h 19^m$	−87° 49′	in 0ˢ.01	in 0″.01
1	56ˢ.99	38″.92	+14	+ 3	56ˢ.00	48″.30	+ 6	− 8	45ˢ.42	55″.97	−16	0	29ˢ.19	58″.90	− 7	+10
2	57.12	39.21	+17	0	55.80	48.59	− 2	− 8	44.95	56.15	−15	+ 5	28.61	58.90	+ 1	+12
3	57.23	39.50	+16	− 3	55.59	48.89	−10	− 6	44.47	56.33	−11	+ 9	28.02	58.89	+ 9	+11
4	57.33	39.80	+11	− 6	55.37	49.18	−15	− 2	43.99	56.50	− 3	+11	27.44	58.88	+15	+ 9
5	57.43	40.10	+ 3	− 8	55.14	49.46	−17	+ 2	43.50	56.67	+ 4	+12	26.85	58.86	+17	+ 5
6	57.52	40.40	− 5	− 7	54.90	49.74	−14	+ 7	43.00	56.83	+12	+10	26.27	58.84	+17	+ 1
7	57.60	40.70	−12	− 5	54.64	50.02	− 8	+10	42.50	56.98	+16	+ 7	25.68	58.81	+13	− 2
8	57.66	41.00	−16	− 1	54.38	50.30	0	+12	41.99	57.13	+18	+ 3	25.09	58.77	+ 8	− 5
9	57.71	41.30	−16	+ 4	54.11	50.58	+ 7	+11	41.47	57.27	+16	− 1	24.51	58.72	+ 1	− 7
10	57.76	41.61	−13	+ 8	53.83	50.86	+14	+ 9	40.95	57.41	+11	− 4	23.93	58.67	− 5	− 7
11	57.79 57.81	41.91 42.22	− 5 + 2	+11 +11	53.54	51.13	+17	+ 5	40.43	57.54	+ 5	− 6	23.35	58.61	−11	− 6
12	57.82	42.52	+10	+10	53.24	51.40	+17	+ 1	39.90	57.67	− 1	− 7	22.77	58.55	−14	− 4
13	57.82	42.83	+15	+ 7	52.93	51.67	+14	− 2	39.37	57.79	− 8	− 7	22.19	58.48	−16	− 2
14	57.81	43.14	+17	+ 3	52.62	51.93	+ 9	− 5	38.83	57.90	−13	− 6	21.61	58.40	−14	+ 1
15	57.79	43.45	+16	− 1	52.29	52.19	+ 3	− 7	38.29	58.01	−15	− 4	21.03	58.31	−10	+ 4
16	57.75	43.76	+12	− 4	51.95	52.45	− 4	− 8	37.74	58.11	−16	− 1	20.46	58.22	− 4	+ 5
17	57.71	44.06	+ 7	− 7	51.60	52.70	−10	− 7	37.19	58.21	−14	+ 2	19.89	58.12	+ 3	+ 6
18	57.66	44.37	0	− 8	51.24	52.95	−14	− 6	36.64	58.30	− 8	+ 4	19.32	58.02	+ 9	+ 4
19	57.60	44.68	− 7	− 8	50.88	53.19	−17	− 3	36.08	58.38	− 2	+ 5	18.75	57.91	+14	+ 1
20	57.52	44.98	−12	− 7	50.51	53.43	−16	0	35.52	58.46	+ 5	+ 5	18.19	57.79	+16	− 2
21	57.44	45.29	−15	− 5	50.13	53.67	−12	+ 2	34.96	58.53	+12	+ 3	17.63	57.67	+13	− 6
22	57.34	45.60	−17	− 2	49.74	53.90	− 7	+ 4	34.39	58.60	+15	− 1	17.07	57.54	+ 7	− 9
23	57.23	45.90	−15	0	49.35	54.13	+ 1	+ 5	33.82	58.66	+15	− 4	16.51	57.41	− 1	−10
24	57.11	46.21	−10	+ 3	48.94	54.35	+ 8	+ 4	33.24	58.71	+11	− 8	15.96	57.27	− 9	− 8
25	56.99	46.51	− 4	+ 5	48.53	54.57	+14	+ 2	32.66	58.76	+ 4	− 9	15.41	57.12	−15	− 5
26	56.85	46.82	+ 4	+ 5	48.11	54.79	+16	− 2	32.09	58.80	− 4	− 9	14.87	56.97	−17	0
27	56.70	47.12	+11	+ 4	47.68	55.00	+14	− 5	31.51	58.83	−11	− 7	14.33	56.81	−15	+ 4
28	56.54	47.41	+15	+ 1	47.24	55.20	+ 9	− 8	30.93	58.86	−16	− 3	13.80	56.65	−10	+ 8
29	56.37	47.71	+16	− 3	46.79	55.40	+ 1	− 9	30.35	58.88	−17	+ 2	13.27	56.48	− 2	+11
30	56.19	48.01	+13	− 6	46.34	55.60	− 7	− 8	29.77	58.89	−14	+ 7	12.75	56.30	+ 6	+11
31	56.00	48.30	+ 6	− 8	45.88	55.79	−13	− 5	29.19	58.90	− 7	+10	12.23	56.12	+13	+ 9
32					45.42	55.97	−16	0					11.71	55.93	+17	+ 6

δ	sec δ	tg δ	δ	sec δ	tg δ	δ	sec δ	tg δ
−87° 49′ 30″	26.349	−26.330	−87° 49′ 40″	26.383	−26.364	−87° 49′ 50″	26.417	−26.398
40	26.383	−26.364	50	26.417	−26.398	60	26.451	−26.432

$\alpha_{1936.0} = 23^h\ 19^m\ 14^s.06$ $\delta_{1936.0} = -87°\ 50'\ 3''.69$

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12^{h} Sternzeit Greenwich

Tag		BD +89° 1 Gr. $10^{m}.56$		BD +89° 3 Gr. $9^{m}.06$		BD +89° 37 Gr. $10^{m}.06$		CPD −89° 38 Gr. $9^{m}.5$		Kurzperiod. Nutationsgl.*)	
1936		x	y	x	y	x	y	x	y	in 0".01	
Jan.	0	−226".51	+74".66	−26".25	+859".21	−1008".61	−348".86	−120".27	−308".70	− 2	−10
	1	226.53	74.33	26.27	858.89	1008.63	349.19	120.14	309.04	+ 2	−10
	2	226.54	74.00	26.28	858.56	1008.64	349.52	120.00	309.37	+ 6	− 7
	3	226.54	73.68	26.28	858.23	1008.64	349.84	119.85	309.70	+ 8	− 3
	4	226.54	73.35	26.28	857.90	1008.64	350.17	119.70	310.03	+ 8	+ 2
	5	−226.53	+73.02	−26.27	+857.57	−1008.63	−350.50	−119.54	−310.35	+ 5	+ 6
	6	226.51	72.69	26.26	857.24	1008.62	350.83	119.38	310.67	+ 2	+ 9
	7	226.49	72.37	26.23	856.92	1008.59	351.16	119.21	311.00	− 2	+10
	8	226.46	72.04	26.21	856.60	1008.57	351.48	119.03	311.31	− 6	+ 8
	9	226.42	71.72	26.17	856.28	1008.53	351.80	118.85	311.63	− 9	+ 5
	10	−226.38	+71.40	−26.13	+855.96	−1008.49	−352.12	−118.67	−311.94	−10	+ 1
	11	226.34	71.08	26.08	855.64	1008.44	352.44	118.48	312.25	−10	− 3
	12	226.28	70.77	26.03	855.32	1008.39	352.76	118.28	312.56	− 7	− 6
	13	226.22	70.45	25.96	855.01	1008.32	353.08	118.08	312.87	− 4	− 8
	14	226.16	70.14	25.90	854.70	1008.26	353.39	117.87	313.17	0	− 9
	15	−226.09	+69.83	−25.82	+854.39	−1008.18	−353.70	−117.65	−313.47	+ 4	− 8
	16	226.01	69.52	25.74	854.08	1008.10	354.01	117.43	313.77	+ 7	− 6
	17	225.92	69.21	25.65	853.77	1008.01	354.32	117.21	314.06	+ 9	− 3
	18	225.83	68.90	25.56	853.47	1007.92	354.63	116.98	314.35	+10	+ 1
	19	225.73	68.60	25.46	853.17	1007.82	354.93	116.74	314.64	+ 9	+ 5
	20	−225.62	+68.30	−25.35	+852.87	−1007.71	−355.23	−116.50	−314.92	+ 7	+ 8
	21	225.51	68.00	25.24	852.57	1007.60	355.53	116.26	315.20	+ 4	+ 9
	22	225.40	67.71	25.13	852.28	1007.49	355.83	116.01	315.48	0	+ 9
	23	225.27	67.42	25.00	851.98	1007.36	356.12	115.75	315.75	− 4	+ 6
	24	225.14	67.13	24.87	851.70	1007.23	356.41	115.49	316.02	− 7	+ 3
	25	−225.01	+66.84	−24.74	+851.41	−1007.10	−356.70	−115.23	−316.29	− 8	− 2
	26	224.87	66.56	24.60	851.13	1006.96	356.98	114.96	316.56	− 7	− 6
	27	224.72	66.28	24.46	850.85	1006.81	357.27	114.69	316.82	− 4	− 9
	28	224.56	66.00	24.30	850.57	1006.65	357.54	114.41	317.07	0	−10
	29	224.40	65.73	24.15	850.30	1006.49	357.82	114.13	317.33	+ 4	− 8
	30	−224.24	+65.46	−23.98	+850.03	−1006.33	−358.09	−113.84	−317.58	+ 6	− 5
	31	224.07	65.19	23.81	849.76	1006.16	358.36	113.55	317.82	+ 7	0
Febr.	1	223.89	64.93	23.64	849.50	1005.98	358.62	113.25	318.06	+ 6	+ 5
	2	223.71	64.67	23.46	849.24	1005.80	358.88	112.95	318.29	+ 3	+ 8
	3	223.53	64.41	23.27	848.98	1005.62	359.14	112.65	318.52	− 1	+10
	4	−223.34	+64.16	−23.08	+848.73	−1005.43	−359.39	−112.34	−318.75	− 5	+ 9
	5	223.14	63.91	22.88	848.48	1005.23	359.64	112.03	318.98	− 8	+ 7
	6	−222.94	+63.67	−22.68	+848.24	−1005.03	−359.89	−111.71	−319.20	−10	+ 3
Mittl. Ort		−199".55	+79".09	+ 0".78	+863".62	− 981".66	−344".37	−106".77	−307".49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12^{h} Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^{\mathrm{m}}.56$		BD +89° 3 Gr. $9^{\mathrm{m}}.06$		BD +89° 37 Gr. $10^{\mathrm{m}}.06$		CPD −89° 38 Gr. $9^{\mathrm{m}}.5$		Kurzperiod. Nutationsgl.*)	
1936	x	y	x	y	x	y	x	y	in 0."01	
Febr. 6	−222."94	+63."67	−22."68	+848."24	−1005."03	−359."89	−111."71	−319."20	−10	+ 3
7	222.73	63.43	22.47	848.00	1004.82	360.13	111.40	319.42	−10	− 1
8	222.52	63.20	22.26	847.76	1004.61	360.36	111.07	319.63	− 8	− 5
9	222.30	62.97	22.04	847.53	1004.39	360.59	110.75	319.83	− 6	− 8
10	222.08	62.75	21.82	847.31	1004.17	360.82	110.42	320.04	− 2	− 9
11	−221.85	+62.53	−21.60	+847.09	−1003.95	−361.04	−110.09	−320.23	+ 2	− 8
12	221.62	62.31	21.37	846.87	1003.72	361.25	109.75	320.42	+ 6	− 7
13	221.39	62.10	21.14	846.66	1003.49	361.46	109.41	320.61	+ 8	− 4
14	221.15	61.89	20.90	846.46	1003.25	361.67	109.07	320.79	+10	0
15	220.91	61.69	20.66	846.26	1003.01	361.87	108.73	320.97	+10	+ 3
16	−220.66	+61.50	−20.41	+846.06	−1002.76	−362.07	−108.38	−321.15	+ 9	+ 7
17	220.41	61.31	20.16	845.87	1002.51	362.26	108.03	321.32	+ 6	+ 9
18	220.15	61.12	19.90	845.69	1002.25	362.45	107.67	321.49	+ 2	+ 9
19	219.89	60.94	19.64	845.51	1001.99	362.63	107.32	321.65	− 2	+ 8
20	219.63	60.77	19.38	845.33	1001.73	362.80	106.96	321.81	− 5	+ 4
21	−219.37	+60.60	−19.12	+845.17	−1001.47	−362.97	−106.60	−321.96	− 7	0
22	219.10	60.43	18.85	845.00	1001.20	363.13	106.24	322.10	− 7	− 5
23	218.83	60.27	18.58	844.85	1000.93	363.29	105.87	322.24	− 5	− 8
24	218.55	60.12	18.30	844.70	1000.65	363.44	105.50	322.38	− 1	−10
25	218.27	59.97	18.02	844.55	1000.37	363.59	105.13	322.51	+ 2	− 9
26	−217.99	+59.83	−17.74	+844.41	−1000.08	−363.74	−104.75	−322.64	+ 5	− 6
27	217.71	59.70	17.46	844.28	999.80	363.87	104.38	322.77	+ 7	− 2
28	217.42	59.57	17.17	844.15	999.51	364.00	104.00	322.89	+ 6	+ 3
29	217.13	59.44	16.88	844.03	999.22	364.13	103.62	323.00	+ 4	+ 7
März 1	216.84	59.32	16.59	843.91	998.93	364.25	103.25	323.11	0	+ 9
2	−216.55	+59.21	−16.30	+843.80	− 998.63	−364.36	−102.87	−323.21	− 4	+10
3	216.25	59.10	16.00	843.69	998.34	364.46	102.48	323.31	− 8	+ 8
4	215.95	59.00	15.70	843.59	998.04	364.56	102.10	323.40	−10	+ 4
5	215.65	58.91	15.40	843.50	997.74	364.65	101.72	323.49	−11	0
6	215.35	58.82	15.10	843.41	997.44	364.74	101.33	323.57	−10	− 4
7	−215.04	+58.74	−14.79	+843.33	− 997.13	−364.82	−100.94	−323.65	− 7	− 7
8	214.73	58.67	14.48	843.25	996.82	364.90	100.56	323.73	− 3	− 9
9	214.43	58.60	14.18	843.18	996.52	364.97	100.17	323.80	0	− 9
10	214.12	58.54	13.87	843.12	996.21	365.03	99.78	323.86	+ 4	− 8
11	213.81	58.48	13.56	843.06	995.90	365.09	99.39	323.92	+ 7	− 5
12	−213.50	+58.43	−13.25	+843.01	− 995.59	−365.14	− 99.00	−323.98	+ 9	− 2
13	213.19	58.38	12.94	842.97	995.28	365.18	98.61	324.03	+10	+ 2
14	−212.87	+58.34	−12.62	+842.93	− 994.96	−365.22	− 98.22	−324.07	+ 9	+ 5
Mittl. Ort	−199."55	+79."09	+ 0."78	+863."62	−981."66	−344."37	−106."77	−307."49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12^h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10^m56		BD +89° 3 Gr. 9^m06		BD +89° 37 Gr. 10^m06		CPD −89° 38 Gr. 9^m5		Kurzperiod. Nutationsgl.*)	
1936	x	y	x	y	x	y	x	y	in 0."01	
März 14	−212."87	+58."34	−12."62	+842."93	−994."96	−365."22	−98."22	−324."07	+ 9	+ 5
15	212.56	58.31	12.31	842.90	994.65	365.25	97.83	324.11	+ 7	+ 8
16	212.25	58.29	12.00	842.87	994.34	365.28	97.44	324.14	+ 4	+ 9
17	211.93	58.27	11.68	842.85	994.02	365.30	97.05	324.17	0	+ 8
18	211.62	58.26	11.37	842.84	993.71	365.31	96.65	324.20	− 3	+ 6
19	−211.30	+58.25	−11.06	+842.83	−993.39	−365.32	−96.26	−324.22	− 5	+ 2
20	210.99	58.25	10.74	842.83	993.08	365.32	95.87	324.23	− 6	− 3
21	210.67	58.26	10.43	842.84	992.76	365.31	95.47	324.24	− 5	− 7
22	210.36	58.27	10.12	842.85	992.45	365.30	95.08	324.25	− 2	− 9
22	210.04	58.29	9.80	842.87	992.13	365.28	94.69	324.25	+ 2	−10
23	−209.73	+58.31	− 9.49	+842.90	−991.82	−365.25	−94.30	−324.24	+ 5	− 8
24	209.41	58.34	9.17	842.93	991.50	365.22	93.91	324.23	+ 7	− 4
25	209.10	58.38	8.86	842.97	991.19	365.18	93.52	324.22	+ 7	+ 1
26	208.79	58.42	8.55	843.01	990.88	365.14	93.13	324.20	+ 5	+ 6
27	208.47	58.47	8.23	843.06	990.56	365.09	92.74	324.17	+ 2	+ 9
28	−208.16	+58.53	− 7.92	+843.12	−990.25	−365.03	−92.35	−324.14	− 3	+10
29	207.86	58.59	7.62	843.18	989.95	364.97	91.97	324.11	− 7	+ 9
30	207.55	58.66	7.31	843.25	989.64	364.91	91.58	324.07	−10	+ 6
31	207.24	58.73	7.00	843.32	989.33	364.83	91.20	324.02	−11	+ 2
April 1	206.94	58.81	6.70	843.40	989.03	364.76	90.81	323.97	−11	− 2
2	−206.63	+58.90	− 6.39	+843.49	−988.72	−364.67	−90.43	−323.92	− 9	− 6
3	206.33	58.99	6.09	843.58	988.42	364.58	90.05	323.86	− 5	− 8
4	206.03	59.09	5.79	843.68	988.12	364.48	89.67	323.80	− 1	− 9
5	205.73	59.19	5.49	843.78	987.82	364.38	89.29	323.73	+ 2	− 8
6	205.44	59.30	5.20	843.89	987.52	364.27	88.91	323.66	+ 6	− 6
7	−205.15	+59.41	− 4.91	+844.00	−987.23	−364.16	−88.54	−323.59	+ 8	− 3
8	204.86	59.53	4.62	844.12	986.94	364.04	88.16	323.50	+ 9	+ 1
9	204.57	59.66	4.33	844.25	986.65	363.91	87.79	323.42	+ 9	+ 4
10	204.29	59.79	4.05	844.38	986.37	363.78	87.42	323.33	+ 8	+ 7
11	204.00	59.93	3.76	844.52	986.09	363.64	87.05	323.23	+ 5	+ 9
12	−203.73	+60.07	− 3.49	+844.66	−985.81	−363.50	−86.68	−323.13	+ 1	+ 9
13	203.45	60.22	3.21	844.81	985.53	363.35	86.32	323.02	− 2	+ 7
14	203.18	60.37	2.94	844.96	985.26	363.20	85.96	322.91	− 5	+ 4
15	202.90	60.53	2.67	845.12	984.98	363.04	85.60	322.80	− 6	− 1
16	202.64	60.70	2.40	845.29	984.72	362.88	85.24	322.68	− 5	− 5
17	−202.37	+60.87	− 2.14	+845.46	−984.45	−362.71	−84.88	−322.56	− 3	− 8
18	202.11	61.04	1.88	845.63	984.19	362.53	84.53	322.43	+ 1	−10
19	−201.85	+61.22	− 1.62	+845.81	−983.93	−362.36	−84.18	−322.30	+ 4	− 9
Mittl. Ort	−199."55	+79."09	+ 0."78	+863."62	− 981."66	−344."37	−106."77	−307."49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12ʰ Sternzeit Greenwich

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1936	x	y	x	y	x	y	x	y	in 0.″01	
April 19	−201.″85	+61.″22	−1.″62	+845.″81	−983.″93	−362.″36	−84.″18	−322.″30	+ 4	− 9
20	201.60	61.41	1.37	846.00	983.68	362.17	83.83	322.16	+ 7	− 6
21	201.35	61.60	1.12	846.19	983.43	361.98	83.49	322.02	+ 8	− 1
22	201.10	61.79	0.87	846.38	983.18	361.79	83.15	321.88	+ 7	+ 4
23	200.86	61.99	0.63	846.58	982.94	361.59	82.81	321.73	+ 4	+ 8
24	−200.62	+62.19	−0.39	+846.78	−982.70	−361.39	−82.47	−321.58	− 1	+10
25	200.39	62.40	−0.16	846.99	982.47	361.18	82.14	321.42	− 5	+10
26	200.15	62.61	+0.07	847.20	982.23	360.97	81.80	321.26	− 9	+ 7
27	199.93	62.83	0.30	847.42	982.01	360.75	81.48	321.10	−11	+ 4
28	199.71	63.05	0.52	847.64	981.79	360.53	81.15	320.93	−12	− 1
29	−199.49	+63.28	+0.74	+847.86	−981.57	−360.30	−80.83	−320.76	−10	− 4
30	199.27	63.51	0.95	848.09	981.35	360.07	80.51	320.58	− 7	− 8
Mai 1	199.07	63.74	1.16	848.32	981.15	359.84	80.20	320.40	− 3	− 9
2	198.86	63.98	1.36	848.56	980.94	359.60	79.89	320.21	+ 1	− 9
3	198.66	64.22	1.56	848.80	980.74	359.36	79.58	320.02	+ 4	− 7
4	−198.46	+64.47	+1.76	+849.05	−980.54	−359.11	−79.27	−319.83	+ 7	− 4
5	198.27	64.71	1.95	849.29	980.35	358.87	78.97	319.64	+ 9	− 1
6	198.09	64.97	2.13	849.55	980.16	358.61	78.67	319.44	+ 9	+ 3
7	197.91	65.22	2.31	849.80	979.98	358.36	78.38	319.24	+ 8	+ 6
8	197.73	65.48	2.49	850.06	979.81	358.10	78.09	319.03	+ 5	+ 8
9	−197.56	+65.74	+2.66	+850.32	−979.63	−357.84	−77.81	−318.82	+ 2	+ 9
10	197.40	66.01	2.82	850.59	979.47	357.57	77.53	318.61	− 1	+ 8
11	197.24	66.28	2.98	850.86	979.31	357.30	77.25	318.39	− 4	+ 5
12	197.08	66.55	3.14	851.13	979.15	357.03	76.98	318.17	− 6	+ 1
13	196.93	66.83	3.29	851.41	979.00	356.75	76.71	317.94	− 6	− 3
14	−196.78	+67.11	+3.44	+851.69	−978.85	−356.47	−76.44	−317.71	− 4	− 7
15	196.64	67.39	3.58	851.97	978.71	356.19	76.18	317.49	0	− 9
16	196.51	67.67	3.71	852.25	978.57	355.91	75.92	317.25	+ 3	− 9
17	196.38	67.96	3.84	852.54	978.44	355.62	75.67	317.02	+ 7	− 7
18	196.25	68.25	3.97	852.83	978.32	355.33	75.42	316.78	+ 9	− 3
19	−196.13	+68.54	+ 4.09	+853.12	−978.20	−355.04	−75.18	−316.54	+ 8	+ 2
20	196.02	68.83	4.20	853.41	978.08	354.75	74.94	316.29	+ 6	+ 6
21	195.91	69.13	4.31	853.71	977.98	354.45	74.71	316.04	+ 2	+ 9
22	195.81	69.43	4.41	854.01	977.88	354.15	74.48	315.79	− 3	+10
23	195.72	69.73	4.50	854.31	977.78	353.85	74.26	315.53	− 7	+ 8
24	−195.63	+70.03	+4.59	+854.62	−977.69	−353.54	−74.04	−315.28	−10	+ 5
25	195.54	70.33	4.68	854.92	977.60	353.24	73.82	315.02	−11	+ 1
26	−195.46	+70.64	+4.76	+855.23	−977.52	−352.93	−73.61	−314.76	−11	− 3
Mittl. Ort	−199.″55	+79.″09	+0.″78	+863.″62	−981.″66	−344.″37	−106.″77	−307.″49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag		BD +89° 1 Gr. 10m56		BD +89° 3 Gr. 9m06		BD +89° 37 Gr. 10m06		CPD −89° 38 Gr. 9m5		Kurzperiod. Nutationsgl.*)	
1936		x	y	x	y	x	y	x	y	in 0.01"	
Mai	26	−195.46"	+70.64"	+4.76"	+855.23"	−977.52"	−352.93"	− 73.61"	−314.76"	−11	− 3
	27	195.39	70.95	4.83	855.54	977.44	352.62	73.41	314.49	− 8	− 6
	28	195.32	71.26	4.90	855.85	977.37	352.31	73.21	314.23	− 5	− 8
	29	195.25	71.57	4.96	856.16	977.31	352.00	73.01	313.96	− 1	− 9
	30	195.20	71.88	5.02	856.47	977.25	351.69	72.82	313.69	+ 3	− 8
	31	−195.14	+72.19	+5.07	+856.78	−977.20	−351.38	− 72.64	−313.42	+ 6	− 5
Juni	1	195.10	72.51	5.11	857.10	977.15	351.06	72.46	313.14	+ 8	− 2
	2	195.06	72.83	5.15	857.41	977.11	350.75	72.28	312.86	+ 9	+ 2
	3	195.03	73.15	5.18	857.73	977.07	350.43	72.11	312.59	+ 8	+ 5
	4	195.00	73.47	5.21	858.05	977.04	350.11	71.94	312.31	+ 6	+ 7
	5	−194.97	+73.79	+5.24	+858.37	−977.02	−349.79	− 71.78	−312.03	+ 3	+ 9
	6	194.96	74.11	5.25	858.69	977.00	349.47	71.62	311.74	0	+ 8
	7	194.95	74.43	5.26	859.01	976.99	349.15	71.47	311.46	− 4	+ 6
	8	194.94	74.75	5.27	859.33	976.99	348.83	71.33	311.17	− 6	+ 3
	9	194.94	75.07	5.27	859.65	976.99	348.51	71.19	310.88	− 6	− 2
	10	−194.95	+75.40	+5.26	+859.97	−976.99	−348.19	− 71.06	−310.59	− 5	− 6
	11	194.96	75.72	5.25	860.29	977.00	347.87	70.93	310.29	− 2	− 9
	12	194.98	76.04	5.23	860.61	977.02	347.55	70.81	309.99	+ 2	−10
	13	195.00	76.36	5.21	860.93	977.04	347.23	70.69	309.70	+ 5	− 8
	14	195.03	76.69	5.18	861.25	977.07	346.91	70.58	309.41	+ 8	− 5
	15	−195.07	+77.01	+5.14	+861.57	−977.10	−346.59	− 70.47	−309.11	+ 9	0
	16	195.11	77.33	5.10	861.90	977.14	346.27	70.37	308.81	+ 7	+ 5
	17	195.15	77.65	5.05	862.22	977.19	345.95	70.27	308.51	+ 4	+ 8
	18	195.20	77.98	5.00	862.54	977.24	345.63	70.18	308.21	0	+10
	19	195.26	78.30	4.94	862.86	977.29	345.31	70.10	307.91	− 5	+ 9
	20	−195.32	+78.62	+4.88	+863.18	−977.36	−344.98	− 70.02	−307.61	− 9	+ 7
	21	195.39	78.94	4.81	863.50	977.43	344.66	69.95	307.30	−11	+ 3
	22	195.47	79.26	4.73	863.82	977.50	344.34	69.88	306.99	−11	− 2
	23	195.55	79.58	4.65	864.14	977.58	344.02	69.82	306.69	− 9	− 5
	24	195.64	79.90	4.56	864.46	977.66	343.70	69.76	306.39	− 6	− 8
	25	−195.73	+80.21	+4.47	+864.77	−977.75	−343.38	− 69.71	−306.09	− 2	− 9
	26	195.83	80.53	4.37	865.09	977.85	343.07	69.67	305.79	+ 1	− 8
	27	195.93	80.84	4.26	865.40	977.95	342.75	69.63	305.48	+ 5	− 6
	28	196.04	81.16	4.16	865.72	978.05	342.44	69.59	305.18	+ 7	− 3
	29	196.15	81.47	4.04	866.03	978.17	342.12	69.57	304.87	+ 9	0
	30	−196.27	+81.78	+3.92	+866.34	−978.28	−341.81	− 69.54	−304.57	+ 8	+ 4
Juli	1	196.39	82.09	3.80	866.65	978.41	341.50	69.53	304.26	+ 7	+ 7
	2	−196.52	+82.40	+3.67	+866.96	−978.54	−341.19	− 69.52	−303.95	+ 4	+ 8
Mittl. Ort		−199.55"	+79.09"	+0.78"	+863.62"	−981.66"	−344.37"	−106.77"	−307.49"		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12ʰ Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10ᵐ56		BD +89° 3 Gr. 9ᵐ06		BD +89° 37 Gr. 10ᵐ06		CPD −89° 38 Gr. 9ᵐ5		Kurzperiod. Nutationsgl.*)	
1936	*x*	*y*	*x*	*y*	*x*	*y*	*x*	*y*	in 0.″01	
Juli 2	−196.″52	+82.″40	+3.″67	+866.″96	−978.″54	−341.″19	− 69.″52	−303.″95	+ 4	+ 8
3	196.66	82.71	3.53	867.27	978.68	340.88	69.51	303.65	+ 1	+ 9
4	196.80	83.01	3.39	867.58	978.82	340.58	69.51	303.35	− 2	+ 7
5	196.94	83.32	3.25	867.88	978.96	340.27	69.52	303.04	− 5	+ 4
6	197.09	83.62	3.10	868.18	979.11	339.97	69.53	302.74	− 7	0
7	−197.25	+83.92	+2.94	+868.48	−979.27	−339.67	− 69.55	−302.44	− 6	− 4
8	197.41	84.22	2.78	868.78	979.43	339.37	69.58	302.14	− 4	− 8
9	197.57	84.51	2.61	869.08	979.59	339.08	69.61	301.84	− 1	−10
10	197.74	84.81	2.44	869.38	979.76	338.78	69.64	301.54	+ 3	− 9
11	197.92	85.10	2.26	869.67	979.94	338.49	69.68	301.24	+ 7	− 6
12	−198.10	+85.39	+2.08	+869.96	−980.12	−338.20	− 69.73	−300.94	+ 8	− 2
13	198.29	85.68	1.89	870.25	980.30	337.91	69.78	300.65	+ 8	+ 3
14	198.48	85.97	1.70	870.54	980.49	337.62	69.84	300.36	+ 6	+ 7
15	198.67	86.25	1.51	870.82	980.69	337.34	69.90	300.07	+ 2	+ 9
16	198.87	86.53	1.31	871.10	980.89	337.06	69.97	299.78	− 3	+10
17	−199.08	+86.81	+1.10	+871.38	−981.09	−336.78	− 70.04	−299.49	− 7	+ 8
18	199.29	87.09	0.89	871.65	981.30	336.51	70.12	299.20	−10	+ 4
19	199.50	87.36	0.67	871.93	981.52	336.23	70.21	298.92	−11	0
20	199.72	87.64	0.45	872.20	981.74	335.96	70.30	298.64	−10	− 4
21	199.95	87.90	+0.22	872.47	981.96	335.69	70.40	298.35	− 7	− 7
22	−200.18	+88.17	−0.01	+872.73	−982.19	−335.43	− 70.50	−298.07	− 4	− 9
23	200.41	88.43	0.24	872.99	982.42	335.17	70.61	297.80	0	− 9
24	200.65	88.70	0.48	873.26	982.66	334.90	70.72	297.52	+ 4	− 7
25	200.89	88.95	0.72	873.51	982.90	334.65	70.84	297.26	+ 7	− 4
26	201.14	89.21	0.97	873.77	983.15	334.39	70.96	296.99	+ 8	− 1
27	−201.39	+89.46	−1.22	+874.02	−983.40	−334.14	− 71.09	−296.72	+ 9	+ 2
28	201.65	89.71	1.48	874.27	983.65	333.89	71.22	296.46	+ 8	+ 6
29	201.91	89.95	1.74	874.51	983.91	333.65	71.36	296.20	+ 6	+ 8
30	202.17	90.19	2.00	874.75	984.17	333.41	71.51	295.93	+ 3	+ 9
31	202.44	90.43	2.27	874.99	984.44	333.17	71.66	295.68	− 1	+ 8
Aug. 1	−202.71	+90.66	−2.54	+875.22	−984.71	−332.94	− 71.81	−295.42	− 4	+ 6
2	202.99	90.89	2.82	875.45	984.99	332.71	71.97	295.17	− 6	+ 2
3	203.27	91.12	3.10	875.68	985.26	332.48	72.13	294.92	− 7	− 2
4	203.55	91.34	3.38	875.90	985.55	332.26	72.30	294.68	− 5	− 6
5	203.84	91.57	3.67	876.12	985.83	332.03	72.47	294.44	− 2	− 9
6	−204.13	+91.78	−3.96	+876.34	−986.12	−331.82	− 72.65	−294.20	+ 1	− 9
7	204.42	92.00	4.25	876.55	986.41	331.60	72.83	293.97	+ 5	− 8
8	−204.72	+92.21	−4.55	+876.76	−986.71	−331.39	− 73.02	−293.74	+ 7	− 4
Mittl. Ort	−199.″55	+79.″09	+0.″78	+863.″62	−981.″66	−344.″37	−106.″77	−307.″49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12^{h} Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^{m}.56$		BD +89° 3 Gr. $9^{m}.06$		BD +89° 37 Gr. $10^{m}.06$		CPD −89° 38 Gr. $9^{m}.5$		Kurzperiod. Nutationsgl.*)	
1936	x	y	x	y	x	y	x	y	in 0.″01	
Aug. 8	−204.″72	+92.″21	− 4.″55	+876.″76	−986.″71	−331.″39	− 73.″02	−293.″74	+ 7	− 4
9	205.02	92.42	4.85	876.97	987.01	331.18	73.22	293.51	+ 8	+ 1
10	205.32	92.62	5.15	877.17	987.31	330.98	73.42	293.29	+ 6	+ 5
11	205.63	92.82	5.46	877.37	987.62	330.78	73.62	293.07	+ 3	+ 8
12	205.94	93.02	5.77	877.57	987.93	330.58	73.83	292.85	− 2	+10
13	−206.26	+93.21	− 6.09	+877.76	−988.25	−330.39	− 74.04	−292.64	− 6	+ 9
14	206.57	93.40	6.41	877.95	988.56	330.20	74.25	292.44	− 9	+ 6
15	206.89	93.58	6.73	878.13	988.88	330.02	74.47	292.23	−11	+ 2
16	207.22	93.76	7.05	878.31	989.21	329.84	74.69	292.03	−10	− 3
17	207.54	93.93	7.38	878.48	989.53	329.67	74.92	291.84	− 8	− 6
18	−207.87	+94.10	− 7.71	+878.65	−989.86	−329.50	− 75.16	−291.65	− 5	− 8
19	208.20	94.27	8.04	878.82	990.19	329.33	75.39	291.47	− 1	− 9
20	208.53	94.43	8.37	878.98	990.52	329.17	75.63	291.29	+ 3	− 8
21	208.87	94.59	8.71	879.14	990.86	329.01	75.88	291.11	+ 6	− 6
22	209.21	94.75	9.05	879.30	991.20	328.85	76.13	290.94	+ 8	− 2
23	−209.55	+94.90	− 9.40	+879.45	−991.55	−328.70	− 76.38	−290.77	+ 9	+ 1
24	209.89	95.04	9.75	879.59	991.89	328.56	76.64	290.61	+ 9	+ 4
25	210.24	95.19	10.10	879.74	992.24	328.41	76.90	290.45	+ 7	+ 7
26	210.59	95.33	10.45	879.88	992.59	328.27	77.16	290.30	+ 4	+ 9
27	210.94	95.46	10.80	880.01	992.94	328.14	77.42	290.15	+ 1	+ 9
28	−211.29	+95.59	−11.15	+880.14	−993.30	−328.01	− 77.69	−290.01	− 2	+ 7
29	211.65	95.71	11.51	880.26	993.65	327.89	77.95	289.88	− 5	+ 4
30	212.01	95.83	11.87	880.38	994.01	327.77	78.23	289.75	− 6	− 1
31	212.38	95.95	12.23	880.50	994.37	327.65	78.50	289.62	− 5	− 5
Sept. 1	212.75	96.06	12.60	880.61	994.73	327.54	78.78	289.50	− 3	− 8
2	−213.11	+96.17	−12.96	+880.72	−995.09	−327.43	− 79.06	−289.39	0	−10
3	213.48	96.28	13.33	880.83	995.46	327.33	79.35	289.28	+ 4	− 9
4	213.85	96.38	13.70	880.93	995.83	327.23	79.63	289.17	+ 6	− 6
5	214.22	96.47	14.07	881.02	996.20	327.14	79.92	289.08	+ 7	− 1
6	214.59	96.56	14.44	881.11	996.57	327.05	80.21	288.98	+ 7	+ 3
7	−214.97	+96.65	−14.82	+881.20	−996.94	−326.97	− 80.50	−288.89	+ 4	+ 7
8	215.34	96.73	15.19	881.28	997.31	326.89	80.80	288.81	0	+10
9	215.71	96.80	15.56	881.35	997.69	326.81	81.09	288.73	− 5	+10
10	216.09	96.87	15.94	881.42	998.07	326.74	81.39	288.66	− 8	+ 7
11	216.47	96.94	16.32	881.49	998.45	326.67	81.69	288.60	−11	+ 4
12	−216.85	+97.00	−16.70	+881.55	−998.83	−326.61	− 81.99	−288.54	−11	− 1
13	217.22	97.06	17.07	881.61	999.20	326.55	82.30	288.48	−10	− 5
14	−217.60	+97.11	−17.45	+881.66	−999.58	−326.50	− 82.60	−288.44	− 7	− 8
Mittl. Ort	−199.″55	+79.″09	+ 0.″78	+863.″62	−981.″66	−344.″37	−106.″77	−307.″49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12ʰ Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10ᵐ56		BD +89° 3 Gr. 9ᵐ06		BD +89° 37 Gr. 10ᵐ06		CPD −89° 38 Gr. 9ᵐ5		Kurzperiod. Nutationsgl.*)	
1936	x	y	x	y	x	y	x	y	in 0.01"	
Sept. 14	−217.60"	+97.11"	−17.45"	+881.66"	− 999.58"	−326.50"	− 82.60"	−288.44"	− 7	− 8
15	217.99	97.16	17.84	881.71	999.97	326.45	82.91	288.40	− 3	− 9
16	218.37	97.20	18.22	881.75	1000.35	326.41	83.21	288.36	+ 1	− 8
17	218.75	97.24	18.60	881.79	1000.73	326.37	83.52	288.33	+ 4	− 6
18	219.14	97.27	18.99	881.82	1001.12	326.34	83.83	288.31	+ 7	− 4
19	−219.52	+97.30	−19.37	+881.85	−1001.50	−326.31	− 84.14	−288.29	+ 8	0
20	219.91	97.32	19.76	881.87	1001.89	326.29	84.45	288.28	+ 9	+ 3
21	220.30	97.34	20.15	881.89	1002.27	326.27	84.76	288.28	+ 8	+ 6
22	220.68	97.35	20.53	881.90	1002.66	326.26	85.07	288.28	+ 5	+ 8
23	221.07	97.36	20.92	881.91	1003.04	326.25	85.38	288.28	+ 2	+ 9
24	−221.45	+97.37	−21.30	+881.92	−1003.43	−326.24	− 85.69	−288.30	− 1	+ 7
25	221.84	97.37	21.69	881.92	1003.82	326.24	86.01	288.32	− 3	+ 5
26	222.23	97.36	22.08	881.91	1004.20	326.25	86.32	288.34	− 5	+ 1
27	222.62	97.35	22.47	881.90	1004.59	326.26	86.63	288.37	− 5	− 3
28	223.00	97.34	22.85	881.89	1004.98	326.27	86.94	288.41	− 3	− 7
29	−223.39	+97.32	−23.24	+881.87	−1005.36	−326.29	− 87.25	−288.45	− 1	− 9
30	223.78	97.29	23.63	881.84	1005.75	326.32	87.56	288.50	+ 3	− 9
Okt. 1	224.17	97.26	24.02	881.81	1006.14	326.35	87.87	288.56	+ 6	− 7
2	224.55	97.23	24.40	881.78	1006.52	326.38	88.18	288.62	+ 8	− 3
3	224.94	97.19	24.78	881.74	1006.91	326.42	88.48	288.69	+ 7	+ 1
4	−225.32	+97.15	−25.17	+881.70	−1007.29	−326.47	− 88.79	−288.76	+ 5	+ 6
5	225.70	97.10	25.55	881.65	1007.67	326.52	89.09	288.84	+ 1	+ 9
6	226.09	97.05	25.93	881.60	1008.06	326.57	89.40	288.93	− 3	+10
7	226.47	96.99	26.31	881.54	1008.44	326.63	89.70	289.02	− 7	+ 8
8	226.84	96.92	26.69	881.47	1008.81	326.70	90.00	289.12	−10	+ 5
9	−227.22	+96.85	−27.07	+881.40	−1009.19	−326.77	− 90.30	−289.22	−12	+ 1
10	227.60	96.78	27.45	881.33	1009.57	326.84	90.60	289.33	−11	− 3
11	227.98	96.70	27.83	881.25	1009.95	326.92	90.90	289.45	− 8	− 7
12	228.35	96.62	28.21	881.17	1010.33	327.00	91.19	289.57	− 5	− 8
13	228.73	96.53	28.58	881.09	1010.70	327.09	91.48	289.69	− 1	− 9
14	−229.10	+96.44	−28.95	+881.00	−1011.07	−327.18	− 91.77	−289.83	+ 3	− 7
15	229.47	96.34	29.32	880.90	1011.44	327.28	92.06	289.97	+ 6	− 5
16	229.84	96.24	29.69	880.80	1011.81	327.38	92.34	290.11	+ 8	− 2
17	230.20	96.13	30.06	880.69	1012.18	327.49	92.62	290.26	+ 8	+ 2
18	230.57	96.02	30.43	880.58	1012.55	327.60	92.90	290.42	+ 8	+ 5
19	−230.93	+95.90	−30.79	+880.46	−1012.91	−327.72	− 93.18	−290.58	+ 6	+ 7
20	231.29	95.78	31.15	880.34	1013.27	327.84	93.45	290.75	+ 3	+ 9
21	−231.65	+95.65	−31.51	+880.21	−1013.63	−327.96	− 93.72	−290.92	0	+ 8
Mittl. Ort	−199.55"	+79.09"	+ 0.78"	+863.62"	− 981.66"	−344.37"	−106.77"	−307.49"		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12^{h} Sternzeit Greenwich

Tag	BD +89° 1 Gr. $10^{\mathrm{m}}.56$		BD +89° 3 Gr. $9^{\mathrm{m}}.06$		BD +89° 37 Gr. $10^{\mathrm{m}}.06$		CPD −89° 38 Gr. $9^{\mathrm{m}}.5$		Kurzperiod. Nutationsgl.*) in $0''.01$	
1936	x	y	x	y	x	y	x	y		
Okt. 21	−231.65	+95.65	−31.51	+880.21	−1013.63	−327.96	− 93.72	−290.92	0	+ 8
22	232.01	95.52	31.87	880.08	1013.99	328.09	93.99	291.10	− 2	+ 6
23	232.37	95.39	32.23	879.95	1014.34	328.23	94.25	291.28	− 4	+ 3
24	232.72	95.25	32.58	879.81	1014.69	328.37	94.51	291.47	− 5	− 1
25	233.07	95.11	32.93	879.67	1015.04	328.51	94.77	291.66	− 4	− 6
26	−233.42	+94.96	−33.28	+879.52	−1015.39	−328.66	− 95.02	−291.86	− 1	− 8
27	233.76	94.80	33.62	879.36	1015.73	328.82	95.27	292.07	+ 2	− 9
28	234.10	94.65	33.96	879.21	1016.08	328.98	95.52	292.28	+ 6	− 8
29	234.44	94.49	34.30	879.05	1016.41	329.14	95.76	292.50	+ 8	− 5
30	234.78	94.32	34.64	878.88	1016.75	329.31	96.00	292.72	+ 9	0
31	−235.11	+94.15	−34.98	+878.71	−1017.08	−329.48	− 96.24	−292.94	+ 7	+ 4
Nov. 1	235.45	93.97	35.31	878.53	1017.42	329.66	96.47	293.17	+ 4	+ 8
2	235.77	93.79	35.64	878.36	1017.74	329.84	96.69	293.40	− 1	+ 9
3	236.10	93.61	35.96	878.17	1018.07	330.02	96.91	293.64	− 6	+ 9
4	236.42	93.42	36.28	877.98	1018.39	330.21	97.13	293.89	− 9	+ 6
5	−236.74	+93.23	−36.60	+877.79	−1018.71	−330.40	− 97.34	−294.13	−12	+ 3
6	237.05	93.03	36.92	877.60	1019.02	330.60	97.54	294.39	−12	− 2
7	237.36	92.83	37.23	877.39	1019.33	330.80	97.74	294.65	−10	− 6
8	237.67	92.62	37.54	877.19	1019.64	331.01	97.94	294.91	− 7	− 8
9	237.97	92.41	37.84	876.98	1019.94	331.22	98.13	295.18	− 3	− 9
10	−238.27	+92.19	−38.14	+876.76	−1020.24	−331.44	− 98.32	−295.45	+ 1	− 8
11	238.57	91.98	38.44	876.55	1020.54	331.66	98.50	295.72	+ 4	− 6
12	238.86	91.75	38.73	876.32	1020.83	331.88	98.68	295.99	+ 7	− 3
13	239.15	91.53	39.02	876.10	1021.12	332.11	98.85	296.27	+ 8	+ 1
14	239.43	91.30	39.30	875.87	1021.40	332.34	99.01	296.55	+ 7	+ 4
15	−239.71	+91.07	−39.58	+875.64	−1021.68	−332.57	− 99.17	−296.84	+ 6	+ 6
16	239.98	90.83	39.85	875.40	1021.96	332.81	99.33	297.14	+ 4	+ 8
17	240.25	90.59	40.12	875.16	1022.23	333.05	99.47	297.43	+ 1	+ 8
18	240.52	90.35	40.39	874.92	1022.50	333.29	99.61	297.73	− 2	+ 7
19	240.78	90.10	40.65	874.67	1022.76	333.54	99.75	298.04	− 4	+ 4
20	−241.04	+89.85	−40.91	+874.42	−1023.02	−333.79	− 99.88	−298.34	− 5	0
21	241.29	89.60	41.16	874.17	1023.27	334.05	100.01	298.64	− 4	− 4
22	241.54	89.34	41.41	873.91	1023.52	334.30	100.13	298.95	− 2	− 7
23	241.78	89.08	41.65	873.65	1023.76	334.57	100.25	299.26	+ 1	− 9
24	242.02	88.81	41.89	873.38	1024.00	334.83	100.35	299.58	+ 5	− 9
25	−242.25	+88.55	−42.12	+873.12	−1024.23	−335.10	−100.45	−299.89	+ 8	− 6
26	242.48	88.27	42.35	872.84	1024.46	335.37	100.55	300.22	+ 9	− 2
27	−242.70	+88.00	−42.57	+872.57	−1024.68	−335.65	−100.64	−300.54	+ 9	+ 2
Mittl. Ort	−199.55	+79.09	+ 0.78	+863.62	− 981.66	−344.37	−106.77	−307.49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Polnahe Sterne 1936

Koordinaten der scheinbaren Örter für 12h Sternzeit Greenwich

Tag	BD +89° 1 Gr. 10m.56		BD +89° 3 Gr. 9m.06		BD +89° 37 Gr. 10m.06		CPD −89° 38 Gr. 9m.5		Kurzperiod. Nutationsgl.*)	
1936	x	y	x	y	x	y	x	y	in 0".01	
Nov. 27	−242".70	+88".00	−42".57	+872".57	−1024".68	−335".65	−100".64	−300".54	+ 9	+ 2
28	242.92	87.72	42.79	872.29	1024.90	335.93	100.72	300.87	+ 6	+ 6
29	243.13	87.44	43.00	872.01	1025.11	336.21	100.79	301.20	+ 2	+ 9
30	243.34	87.16	43.21	871.73	1025.32	336.50	100.86	301.52	− 3	+10
Dez. 1	243.54	86.87	43.41	871.44	1025.52	336.79	100.93	301.85	− 8	+ 8
2	−243.74	+86.58	−43.61	+871.16	−1025.71	−337.08	−100.98	−302.18	−11	+ 4
3	243.93	86.29	43.80	870.87	1025.90	337.37	101.03	302.51	−12	0
4	244.11	86.00	43.98	870.57	1026.09	337.67	101.08	302.84	−11	− 4
5	244.29	85.70	44.16	870.28	1026.27	337.96	101.12	303.18	− 8	− 7
6	244.47	85.40	44.34	869.98	1026.44	338.26	101.15	303.52	− 4	− 9
7	−244.63	+85.10	−44.50	+869.68	−1026.61	−338.56	−101.17	−303.86	− 1	− 8
8	244.79	84.80	44.66	869.38	1026.77	338.87	101.19	304.20	+ 3	− 7
9	244.95	84.49	44.82	869.07	1026.92	339.17	101.20	304.55	+ 6	− 4
10	245.10	84.18	44.97	868.76	1027.07	339.48	101.21	304.89	+ 7	0
11	245.24	83.87	45.11	868.45	1027.22	339.79	101.21	305.23	+ 7	+ 3
12	−245.38	+83.56	−45.25	+868.14	−1027.36	−340.10	−101.20	−305.57	+ 6	+ 6
13	245.51	83.24	45.38	867.83	1027.49	340.42	101.19	305.91	+ 4	+ 8
14	245.63	82.93	45.51	867.51	1027.62	340.73	101.17	306.25	+ 2	+ 8
15	245.75	82.61	45.63	867.20	1027.74	341.05	101.14	306.59	− 1	+ 7
16	245.87	82.30	45.74	866.88	1027.85	341.36	101.11	306.94	− 4	+ 5
17	−245.97	+81.98	−45.85	+866.57	−1027.96	−341.68	−101.07	−307.29	− 5	+ 2
18	246.07	81.66	45.95	866.25	1028.06	342.00	101.02	307.63	− 5	− 2
19	246.17	81.34	46.05	865.93	1028.15	342.32	100.97	307.98	− 4	− 6
20	246.26	81.02	46.14	865.61	1028.24	342.64	100.91	308.32	− 1	− 8
21	246.34	80.69	46.22	865.29	1028.32	342.97	100.85	308.66	+ 3	− 9
22	−246.42	+80.37	−46.30	+864.97	−1028.40	−343.29	−100.78	−309.00	+ 6	− 8
23	246.49	80.04	46.37	864.64	1028.47	343.61	100.70	309.34	+ 9	− 4
24	246.55	79.71	46.43	864.32	1028.53	343.94	100.61	309.68	+ 9	+ 1
25	246.60	79.39	46.48	863.99	1028.58	344.27	100.52	310.02	+ 8	+ 5
26	246.65	79.06	46.53	863.67	1028.63	344.60	100.42	310.36	+ 4	+ 8
27	−246.70	+78.73	−46.58	+863.34	−1028.68	−344.93	−100.32	−310.69	0	+10
28	246.73	78.41	46.61	863.01	1028.71	345.26	100.21	311.03	− 5	+ 9
29	246.76	78.08	46.64	862.68	1028.74	345.59	100.09	311.37	− 9	+ 6
30	246.78	77.76	46.67	862.36	1028.76	345.92	99.97	311.70	−11	+ 2
31	246.80	77.43	46.68	862.03	1028.78	346.24	99.84	312.03	−11	− 3
32	−246.81	+77.11	−46.70	+861.70	−1028.79	−346.57	− 99.71	−312.36	− 9	− 6
Mittl. Ort	−199".55	+79".09	+ 0".78	+863".62	− 981".66	−344".37	−106".77	−307".49		

*) Die Vorzeichen gelten für die drei nördlichen Sterne, für den südlichen sind sie umzukehren.

Formeln

zur Reduktion auf den scheinbaren Ort

$$A = t - (0.34215 + 0.00031\,T)\sin\Omega + 0.00415\sin 2\Omega - 0.02526\sin 2L_{\odot}$$
$$+ 0.00251\sin M_{\odot} - 0.00099\sin(2L_{\odot} + M_{\odot}) + 0.00042\sin(2L_{\odot} - M_{\odot})$$
$$+ 0.00025\sin(2L_{\odot} - \Omega)$$

$$A' = -0.00405\sin 2L_{☾} + 0.00135\sin M_{☾} - 0.00068\sin(2L_{☾} - \Omega)$$
$$- 0.00052\sin(2L_{☾} + M_{☾}) + 0.00030\sin(2L_{☾} - 2L_{\odot} - M_{☾})$$
$$+ 0.00023\sin(2L_{☾} - M_{☾}) + 0.00012\sin(2L_{☾} - 2L_{\odot})$$

$$B = -(9''.210 + 0''.001\,T)\cos\Omega + 0''.090\cos 2\Omega - 0''.551\cos 2L_{\odot}$$
$$- 0''.022\cos(2L_{\odot} + M_{\odot}) + 0''.009\cos(2L_{\odot} - M_{\odot})$$
$$+ 0''.007\cos(2L_{\odot} - \Omega)$$

$$B' = -0''.089\cos 2L_{☾} - 0''.018\cos(2L_{☾} - \Omega) - 0''.011\cos(2L_{☾} + M_{☾})$$
$$+ 0''.005\cos(2L_{☾} - M_{☾})$$

$$C = -20''.47\cos\odot\cos\varepsilon$$

$$D = -20''.47\sin\odot$$

$$E = -(0^{s}.0029 - 0^{s}.0004\,T)\sin\Omega$$

T Zeit seit 1900.0 in Einheiten von 100 tropischen Jahren,

t Zeit seit Beginn des annus fictus in Bruchteilen des tropischen Jahres;

$t = 0$ für 1936 Januar $1^{d}.5326$ Welt-Zeit.

$a = m + {}^{1}/_{15}\, n \sin\alpha\,\mathrm{tg}\,\delta$	$a' = n\cos\alpha$
$b = {}^{1}/_{15}\cos\alpha\,\mathrm{tg}\,\delta$	$b' = -\sin\alpha$
$c = {}^{1}/_{15}\cos\alpha\sec\delta$	$c' = \mathrm{tg}\,\varepsilon\cos\delta - \sin\alpha\sin\delta$
$d = {}^{1}/_{15}\sin\alpha\sec\delta$	$d' = \cos\alpha\sin\delta$

Für 1936.0 gilt: $m = +3^{s}.0730$, $n = +20''.044$, $\varepsilon = 23°\,26'\,51''.40$

$$\alpha_{\text{app.}} = \alpha_{1936.0} + t\mu_{\alpha} + Aa + Bb + Cc + Dd + E + [A'a + B'b]$$
$$\delta_{\text{app.}} = \delta_{1936.0} + t\mu_{\delta} + Aa' + Bb' + Cc' + Dd' + [A'a' + B'b']$$

μ_{α}, μ_{δ} jährliche Eigenbewegung in Rektaszension, bez. Deklination.

Setzt man

$f = mA + E$	$f' = mA'$	$i = C\,\mathrm{tg}\,\varepsilon$
$g\sin G = B$	$g'\sin G' = B'$	$h\sin H = C$
$g\cos G = nA$	$g'\cos G' = nA'$	$h\cos H = D,$

so wird:

$$\alpha_{\text{app.}} = \alpha_{1936.0} + t\mu_{\alpha} + f + {}^{1}/_{15}\,g\sin(G+\alpha)\,\mathrm{tg}\,\delta + {}^{1}/_{15}\,h\sin(H+\alpha)\sec\delta$$
$$+ [f' + {}^{1}/_{15}\,g'\sin(G'+\alpha)\,\mathrm{tg}\,\delta]$$

$$\delta_{\text{app.}} = \delta_{1936.0} + t\mu_{\delta} + g\cos(G+\alpha) + h\cos(H+\alpha)\sin\delta + i\cos\delta$$
$$+ [g'\cos(G'+\alpha)]$$

Reduktionsgrößen 1936

für 12h Sternzeit Greenwich

Welt-Zeit		t	log A	log B	log C	log D	E
1936		s					s
Jan.	1.2	−0.0008	9.53037	0.20548n	0.49734n	1.30494	+0.0026
	11.2	+0.0265	9.57466	0.20898n	0.80353n	1.28466	26
	21.2	0.0538	9.61268	0.22634n	0.97202n	1.24883	26
	31.1	0.0811	9.64490	0.25164n	1.08257n	1.19479	26
Febr.	10.1	0.1084	9.67198	0.27830n	1.15921n	1.11734	26
	20.1	0.1357	9.69472	0.30060n	1.21240n	1.00642	+0.0026
März	1.1	0.1630	9.71401	0.31471n	1.24751n	0.83872	26
	11.0	0.1903	9.73085	0.31765n	1.26741n	0.53832	26
	21.0	0.2176	9.74621	0.30728n	1.27370n	8.88081n	26
	31.0	0.2449	9.76102	0.28194n	1.26691n	0.55437n	26
April	9.9	0.2722	9.77603	0.24005n	1.24694n	0.84305n	+0.0026
	19.9	0.2995	9.79182	0.18013n	1.21272n	1.00552n	26
	29.9	0.3268	9.80868	0.10003n	1.16194n	1.11337n	27
Mai	9.9	0.3541	9.82664	9.99651n	1.09043n	1.18904n	27
	19.8	0.3814	9.84558	9.86570n	0.99007n	1.24252n	27
	29.8	0.4087	9.86512	9.70157n	0.84323n	1.27894n	+0.0027
Juni	8.8	0.4360	9.88483	9.50243n	0.59999n	1.30114n	27
	18.8	0.4633	9.90428	9.26717n	9.94890n	1.31063n	27
	28.7	0.4906	9.92300	9.04139n	0.34694	1.30807n	27
Juli	8.7	0.5179	9.94063	8.97313n	0.72198	1.29330n	27
	18.7	0.5452	9.95687	9.10380n	0.91265	1.26545n	+0.0027
	28.6	0.5725	9.97155	9.29667n	1.03595	1.22266n	27
Aug.	7.6	0.5998	9.98461	9.46090n	1.12231	1.16146n	27
	17.6	0.6272	9.99610	9.58433n	1.18418	1.07547n	27
	27.6	0.6545	0.00616	9.66370n	1.22765	0.95173n	27
Sept.	6.5	0.6818	0.01505	9.69984n	1.25595	0.75838n	+0.0027
	16.5	0.7091	0.02312	9.69020n	1.27084	0.36884n	27
	26.5	0.7364	0.03075	9.62221n	1.27300	0.05767	27
Okt.	6.5	0.7637	0.03835	9.45179n	1.26238	0.66361	27
	16.4	0.7910	0.04632	8.94939n	1.23807	0.90086	27
	26.4	0.8183	0.05496	9.18184	1.19822	1.04497	+0.0027
Nov.	5.4	0.8456	0.06447	9.62737	1.13934	1.14317	27
	15.3	0.8729	0.07492	9.84634	1.05503	1.21240	27
	25.3	0.9002	0.08620	9.98408	0.93237	1.26057	27
Dez.	5.3	0.9275	0.09811	0.07482	0.73973	1.29172	27
	15.3	0.9548	0.11031	0.13162	0.35122	1.30801	+0.0027
	25.2	0.9821	0.12244	0.16227	0.03262n	1.31042	27
	35.2	1.0094	0.13413	0.17114	0.64038n	1.29903	+0.0027

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	t	f	log g	G	log h	H	log i	i
1936									
	h	a	s		h m		h m		"
Jan. 0	6.6	—0.0042	+1.031	0.8387	23 6.1	1.3104	23 29.2	0.0748n	—1.188
1	6.6	—0.0015	1.042	0.8432	23 6.8	1.3102	23 25.4	0.1245n	1.332
2	6.7	+0.0013	1.054	0.8477	23 7.4	1.3100	23 21.7	0.1688n	1.475
3	6.8	0.0040	1.065	0.8521	23 8.0	1.3098	23 17.9	0.2087n	1.617
4	6.8	0.0068	1.077	0.8565	23 8.5	1.3095	23 14.1	0.2450n	1.758
5	6.9	0.0095	1.088	0.8608	23 9.0	1.3092	23 10.4	0.2785n	1.899
6	7.0	0.0122	+1.099	0.8651	23 9.5	1.3089	23 6.6	0.3094n	—2.039
7	7.0	0.0150	1.110	0.8693	23 9.9	1.3086	23 2.8	0.3383n	2.179
8	7.1	0.0177	1.121	0.8735	23 10.3	1.3083	22 59.0	0.3653n	2.319
9	7.2	0.0204	1.132	0.8776	23 10.7	1.3080	22 55.2	0.3906n	2.458
10	7.2	0.0232	1.144	0.8817	23 11.1	1.3076	22 51.4	0.4141n	2.595
11	7.3	0.0259	1.155	0.8857	23 11.4	1.3072	22 47.6	0.4365n	2.732
12	7.4	0.0287	+1.165	0.8897	23 11.7	1.3068	22 43.8	0.4576n	—2.868
13	7.4	0.0314	1.176	0.8936	23 12.0	1.3064	22 40.0	0.4776n	3.003
14	7.5	0.0341	1.187	0.8975	23 12.3	1.3059	22 36.2	0.4967n	3.138
15	7.6	0.0369	1.198	0.9013	23 12.6	1.3055	22 32.4	0.5147n	3.271
16	7.6	0.0396	1.209	0.9050	23 12.8	1.3050	22 28.5	0.5319n	3.403
17	7.7	0.0423	1.219	0.9088	23 13.0	1.3045	22 24.7	0.5483n	3.534
18	7.7	0.0451	+1.230	0.9124	23 13.2	1.3040	22 20.8	0.5640n	—3.664
19	7.8	0.0478	1.240	0.9160	23 13.4	1.3035	22 16.9	0.5789n	3.792
20	7.9	0.0506	1.250	0.9195	23 13.5	1.3030	22 13.1	0.5932n	3.919
21	7.9	0.0533	1.261	0.9230	23 13.7	1.3025	22 9.2	0.6070n	4.046
22	8.0	0.0560	1.271	0.9265	23 13.8	1.3019	22 5.3	0.6202n	4.171
23	8.1	0.0588	1.281	0.9299	23 13.9	1.3013	22 1.4	0.6329n	4.294
24	8.1	0.0615	+1.291	0.9332	23 14.0	1.3007	21 57.5	0.6450n	—4.416
25	8.2	0.0643	1.301	0.9365	23 14.1	1.3002	21 53.6	0.6568n	4.537
26	8.3	0.0670	1.311	0.9397	23 14.2	1.2996	21 49.6	0.6681n	4.657
27	8.3	0.0697	1.320	0.9429	23 14.2	1.2990	21 45.7	0.6790n	4.775
28	8.4	0.0725	1.330	0.9461	23 14.3	1.2983	21 41.7	0.6894n	4.891
29	8.5	0.0752	1.339	0.9491	23 14.3	1.2977	21 37.8	0.6994n	5.005
30	8.5	0.0779	+1.349	0.9522	23 14.4	1.2971	21 33.8	0.7091n	—5.118
31	8.6	0.0807	1.358	0.9552	23 14.4	1.2964	21 29.8	0.7185n	5.230
Febr. 1	8.7	0.0834	1.367	0.9581	23 14.4	1.2958	21 25.8	0.7275n	5.340
2	8.7	0.0862	1.376	0.9609	23 14.4	1.2952	21 21.8	0.7362n	5.448
3	8.8	0.0889	1.385	0.9638	23 14.4	1.2945	21 17.8	0.7447n	5.555
4	8.9	0.0916	1.394	0.9666	23 14.5	1.2938	21 13.8	0.7527n	5.659
5	8.9	0.0944	+1.403	0.9693	23 14.5	1.2932	21 9.8	0.7606n	—5.762
6	9.0	0.0971	1.412	0.9720	23 14.5	1.2925	21 5.7	0.7681n	5.863
7	9.1	0.0998	1.420	0.9746	23 14.5	1.2919	21 1.7	0.7754n	5.962
8	9.1	0.1026	1.429	0.9772	23 14.5	1.2912	20 57.6	0.7824n	6.059
9	9.2	0.1053	1.437	0.9798	23 14.4	1.2905	20 53.5	0.7892n	6.154
10	9.3	0.1081	+1.446	0.9823	23 14.4	1.2899	20 49.4	0.7957n	—6.248

Tag	0ʰ Welt-Zeit										
	f′	g′	G′	Allgemeine Präzession seit 1936.0	Δψ	Δψ′	Wahre Schiefe	Δε	Δε′	j	k
1936	s in 0.001	" in 0.01				" in 0.01	23° 26′		" in 0.01	in 0.001	
			h	"	"		"	"			
Jan. 0	+ 4	+10	19.1	−0.21	+17.06	+ 7	53.10	+1.61	+10	30	89
1	− 2	10	17.6	−0.07	17.11	− 3	53.10	1.60	+10	30	89
2	− 7	9	15.9	+0.06	17.16	−12	53.08	1.60	+ 8	31	89
3	−11	8	13.9	0.20	17.21	−18	53.04	1.60	+ 4	31	89
4	−12	8	11.6	0.34	17.26	−20	52.98	1.60	− 1	31	89
5	− 9	8	9.2	0.48	17.31	−15	52.94	1.60	− 6	32	89
6	− 4	+ 9	7.1	+0.61	+17.36	− 7	52.90	+1.60	− 9	32	89
7	+ 2	10	5.4	0.75	17.40	+ 4	52.89	1.60	−10	32	89
8	+ 9	11	3.9	0.89	17.45	+14	52.90	1.61	− 9	33	89
9	+13	10	2.3	1.03	17.49	+22	52.93	1.61	− 6	33	89
10	+16	10	0.8	1.17	17.53	+26	52.98	1.61	− 2	33	89
11	+15	10	23.2	1.30	17.58	+25	53.02	1.62	+ 2	33	89
12	+12	+10	21.6	+1.44	+17.62	+20	53.06	+1.62	+ 6	34	88
13	+ 7	9	20.0	1.58	17.66	+12	53.09	1.63	+ 8	34	88
14	+ 1	9	18.3	1.72	17.70	+ 2	53.10	1.63	+ 9	34	88
15	− 4	9	16.7	1.85	17.73	− 7	53.10	1.64	+ 8	35	88
16	−10	9	15.0	1.99	17.77	−16	53.08	1.64	+ 6	35	88
17	−13	9	13.4	2.13	17.80	−22	53.06	1.65	+ 3	35	88
18	−15	+10	11.8	+2.27	+17.84	−25	53.03	+1.66	0	36	88
19	−15	10	10.4	2.40	17.87	−24	53.00	1.66	− 4	36	88
20	−12	11	9.1	2.54	17.90	−19	52.97	1.67	− 7	36	88
21	− 7	10	7.8	2.68	17.93	−11	52.96	1.68	− 9	36	88
22	− 1	9	6.2	2.82	17.96	− 1	52.97	1.69	− 9	37	87
23	+ 5	8	4.3	2.95	17.99	+ 8	53.00	1.70	− 7	37	87
24	+ 9	+ 7	1.9	+3.09	+18.02	+15	53.04	+1.71	− 3	37	87
25	+11	8	23.4	3.23	18.04	+19	53.10	1.72	+ 1	38	87
26	+10	9	21.4	3.37	18.06	+17	53.15	1.73	+ 6	38	87
27	+ 6	10	19.7	3.50	18.08	+11	53.19	1.74	+ 9	38	87
28	+ 1	10	18.2	3.64	18.10	+ 1	53.21	1.75	+10	38	87
29	− 5	9	16.6	3.78	18.12	− 8	53.21	1.76	+ 9	39	87
30	− 9	+ 8	14.8	+3.92	+18.14	−15	53.19	+1.77	+ 5	39	86
31	−11	7	12.4	4.06	18.15	−18	53.15	1.78	+ 1	39	86
Febr. 1	−10	7	9.7	4.19	18.16	−16	53.11	1.79	− 4	40	86
2	− 5	9	7.6	4.33	18.18	− 9	53.08	1.80	− 8	40	86
3	+ 1	10	5.8	4.47	18.19	+ 1	53.07	1.82	−10	40	86
4	+ 7	11	4.3	4.61	18.19	+12	53.08	1.83	−10	40	86
5	+12	+11	2.8	+4.74	+18.20	+20	53.12	+1.84	− 7	41	86
6	+15	11	1.3	4.88	18.21	+25	53.17	1.85	− 3	41	86
7	+16	10	23.7	5.02	18.21	+25	53.22	1.86	+ 1	41	85
8	+13	10	22.1	5.16	18.21	+22	53.27	1.87	+ 5	41	85
9	+ 9	9	20.5	5.29	18.21	+15	53.31	1.88	+ 7	42	85
10	+ 3	+ 9	18.9	+5.43	+18.21	+ 5	53.33	+1.90	+ 9	42	85

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1936	h	s	s		h m		h m		"
Febr. 10	9.3	0.1081	+1.446	0.9823	23 14.4	1.2899	20 49.4	0.7957*n*	—6.248
11	9.3	0.1108	1.454	0.9848	23 14.4	1.2892	20 45.3	0.8020*n*	6.339
12	9.4	0.1135	1.462	0.9872	23 14.4	1.2886	20 41.2	0.8081*n*	6.428
13	9.5	0.1163	1.470	0.9896	23 14.4	1.2879	20 37.1	0.8139*n*	6.515
14	9.5	0.1190	1.478	0.9920	23 14.4	1.2873	20 33.0	0.8196*n*	6.601
15	9.6	0.1217	1.486	0.9943	23 14.4	1.2866	20 28.8	0.8250*n*	6.684
16	9.7	0.1245	+1.494	0.9965	23 14.4	1.2860	20 24.7	0.8303*n*	—6.765
17	9.7	0.1272	1.501	0.9987	23 14.4	1.2854	20 20.5	0.8352*n*	6.843
18	9.8	0.1300	1.509	1.0009	23 14.4	1.2848	20 16.3	0.8401*n*	6.920
19	9.9	0.1327	1.516	1.0030	23 14.4	1.2841	20 12.1	0.8448*n*	6.995
20	9.9	0.1354	1.524	1.0051	23 14.5	1.2835	20 7.9	0.8492*n*	7.067
21	10.0	0.1382	1.531	1.0072	23 14.5	1.2830	20 3.7	0.8535*n*	7.137
22	10.0	0.1409	+1.538	1.0092	23 14.5	1.2824	19 59.5	0.8576*n*	—7.205
23	10.1	0.1437	1.545	1.0112	23 14.6	1.2818	19 55.3	0.8616*n*	7.271
24	10.2	0.1464	1.552	1.0132	23 14.6	1.2813	19 51.1	0.8654*n*	7.335
25	10.2	0.1491	1.559	1.0152	23 14.6	1.2807	19 46.8	0.8690*n*	7.396
26	10.3	0.1519	1.566	1.0171	23 14.7	1.2802	19 42.6	0.8724*n*	7.455
27	10.4	0.1546	1.573	1.0189	23 14.7	1.2797	19 38.3	0.8757*n*	7.511
28	10.4	0.1573	+1.580	1.0208	23 14.8	1.2792	19 34.1	0.8788*n*	—7.565
29	10.5	0.1601	1.586	1.0226	23 14.9	1.2787	19 29.8	0.8818*n*	7.617
März 1	10.6	0.1628	1.593	1.0243	23 15.0	1.2783	19 25.5	0.8846*n*	7.666
2	10.6	0.1656	1.599	1.0260	23 15.1	1.2779	19 21.2	0.8872*n*	7.713
3	10.7	0.1683	1.606	1.0278	23 15.2	1.2774	19 16.9	0.8897*n*	7.758
4	10.8	0.1710	1.612	1.0295	23 15.3	1.2770	19 12.6	0.8921*n*	7.800
5	10.8	0.1738	+1.619	1.0311	23 15.4	1.2767	19 8.3	0.8943*n*	—7.840
6	10.9	0.1765	1.625	1.0328	23 15.6	1.2763	19 4.0	0.8964*n*	7.877
7	11.0	0.1792	1.631	1.0344	23 15.7	1.2760	18 59.7	0.8983*n*	7.912
8	11.0	0.1820	1.638	1.0360	23 15.8	1.2757	18 55.4	0.9000*n*	7.944
9	11.1	0.1847	1.644	1.0376	23 16.0	1.2754	18 51.1	0.9017*n*	7.975
10	11.2	0.1875	1.650	1.0391	23 16.2	1.2751	18 46.7	0.9033*n*	8.003
11	11.2	0.1902	+1.656	1.0407	23 16.4	1.2748	18 42.4	0.9046*n*	—8.028
12	11.3	0.1929	1.662	1.0422	23 16.6	1.2746	18 38.1	0.9058*n*	8.051
13	11.4	0.1957	1.668	1.0437	23 16.8	1.2744	18 33.8	0.9069*n*	8.071
14	11.4	0.1984	1.674	1.0452	23 17.0	1.2742	18 29.4	0.9079*n*	8.089
15	11.5	0.2011	1.680	1.0467	23 17.2	1.2741	18 25.1	0.9088*n*	8.105
16	11.6	0.2039	1.686	1.0482	23 17.5	1.2740	18 20.8	0.9094*n*	8.118
17	11.6	0.2066	+1.692	1.0496	23 17.7	1.2739	18 16.4	0.9100*n*	—8.128
18	11.7	0.2094	1.698	1.0510	23 18.0	1.2738	18 12.1	0.9104*n*	8.136
19	11.8	0.2121	1.704	1.0525	23 18.3	1.2737	18 7.8	0.9107*n*	8.142
20	11.8	0.2148	1.710	1.0539	23 18.5	1.2737	18 3.4	0.9109*n*	8.145
21	11.9	0.2176	1.716	1.0553	23 18.8	1.2737	17 59.1	0.9109*n*	8.146
22	12.0	0.2203	+1.722	1.0566	23 19.1	1.2737	17 54.8	0.9108*n*	—8.144

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1936.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1936	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01	in 0.001	
Febr. 10	+ 3	+ 9	18.9	+ 5.43	+18.21	+ 5	53.33	+1.90	+ 9	42	85
11	− 3	9	17.2	5.57	18.21	− 4	53.34	1.91	+ 9	42	85
12	− 8	9	15.5	5.71	18.20	−13	53.33	1.92	+ 7	42	85
13	−13	9	13.8	5.84	18.19	−21	53.31	1.93	+ 4	43	85
14	−15	10	12.3	5.98	18.19	−25	53.29	1.94	+ 1	43	84
15	−16	11	10.9	6.12	18.18	−25	53.26	1.95	− 3	43	84
16	−13	+11	9.6	+ 6.26	+18.17	−22	53.23	+1.96	− 6	43	84
17	− 9	10	8.3	6.39	18.15	−15	53.22	1.97	− 9	43	84
18	− 4	10	7.0	6.53	18.14	− 6	53.22	1.98	− 9	44	84
19	+ 2	8	5.3	6.67	18.12	+ 4	53.24	1.99	− 8	44	84
20	+ 7	7	3.0	6.81	18.11	+12	53.28	2.00	− 5	44	84
21	+10	7	0.3	6.95	18.09	+17	53.33	2.00	0	44	84
22	+10	+ 8	21.9	+ 7.08	+18.07	+17	53.38	+2.01	+ 4	45	84
23	+ 7	9	20.1	7.22	18.05	+12	53.43	2.02	+ 8	45	83
24	+ 2	10	18.6	7.36	18.02	+ 4	53.45	2.03	+10	45	83
25	− 3	10	17.2	7.50	18.00	− 5	53.46	2.04	+ 9	45	83
26	− 8	8	15.5	7.63	17.98	−13	53.43	2.04	+ 7	45	83
27	−10	7	13.3	7.77	17.95	−17	53.40	2.05	+ 2	46	83
28	−10	+ 7	10.5	+ 7.91	+17.92	−16	53.35	+2.05	− 3	46	83
29	− 6	8	8.0	8.05	17.89	−10	53.31	2.06	− 7	46	83
März 1	0	9	6.1	8.18	17.86	− 1	53.29	2.06	− 9	46	83
2	+ 6	11	4.5	8.32	17.83	+10	53.29	2.07	−10	46	83
3	+12	11	3.1	8.46	17.80	+19	53.31	2.07	− 8	47	83
4	+15	11	1.7	8.60	17.77	+25	53.34	2.07	− 5	47	83
5	+16	+11	0.2	+ 8.73	+17.74	+27	53.38	+2.08	− 1	47	82
6	+15	10	22.7	8.87	17.70	+24	53.43	2.08	+ 3	47	82
7	+11	10	21.1	9.01	17.67	+18	53.46	2.08	+ 7	47	82
8	+ 5	9	19.5	9.15	17.63	+ 9	53.47	2.08	+ 8	47	82
9	0	9	17.8	9.28	17.59	− 1	53.48	2.08	+ 9	47	82
10	− 6	9	16.1	9.42	17.56	−10	53.46	2.08	+ 8	48	82
11	−11	+ 9	14.3	+ 9.56	+17.52	−18	53.43	+2.08	+ 5	48	82
12	−14	9	12.7	9.70	17.48	−23	53.40	2.08	+ 2	48	82
13	−15	10	11.3	9.84	17.44	−25	53.36	2.07	− 2	48	82
14	−14	11	10.0	9.97	17.40	−23	53.32	2.07	− 5	48	82
15	−11	11	8.8	10.11	17.36	−18	53.29	2.07	− 8	49	82
16	− 6	10	7.5	10.25	17.32	−10	53.27	2.06	− 9	49	82
17	0	+ 8	6.0	+10.39	+17.28	0	53.27	+2.06	− 8	49	82
18	+ 5	7	4.1	10.52	17.24	+ 8	53.29	2.05	− 6	49	82
19	+ 8	6	1.3	10.66	17.20	+14	53.32	2.04	− 2	49	82
20	+ 9	7	22.3	10.80	17.16	+15	53.36	2.04	+ 3	49	82
21	+ 7	8	20.3	10.94	17.12	+12	53.39	2.03	+ 7	50	82
22	+ 3	+ 9	18.8	+11.07	+17.08	+ 5	53.40	+2.02	+ 9	50	82

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1936	h	s	s		h m		h m		"
März 22	12.0	0.2203	+1.722	1.0566	23 19.1	1.2737	17 54.8	0.9108*n*	−8.144
23	12.0	0.2231	1.728	1.0580	23 19.5	1.2737	17 50.4	0.9106*n*	8.140
24	12.1	0.2258	1.734	1.0594	23 19.8	1.2738	17 46.1	0.9103*n*	8.133
25	12.2	0.2285	1.740	1.0608	23 20.1	1.2739	17 41.8	0.9098*n*	8.124
26	12.2	0.2313	1.746	1.0622	23 20.5	1.2740	17 37.5	0.9091*n*	8.112
27	12.3	0.2340	1.752	1.0635	23 20.9	1.2741	17 33.2	0.9084*n*	8.098
28	12.3	0.2367	+1.757	1.0649	23 21.2	1.2743	17 28.9	0.9075*n*	−8.082
29	12.4	0.2395	1.763	1.0663	23 21.6	1.2745	17 24.6	0.9066*n*	8.064
30	12.5	0.2422	1.769	1.0676	23 22.0	1.2747	17 20.3	0.9054*n*	8.042
31	12.5	0.2450	1.776	1.0689	23 22.4	1.2749	17 16.0	0.9041*n*	8.019
April 1	12.6	0.2477	1.782	1.0703	23 22.8	1.2752	17 11.7	0.9027*n*	7.993
2	12.7	0.2504	1.788	1.0716	23 23.2	1.2755	17 7.5	0.9012*n*	7.965
3	12.7	0.2532	+1.794	1.0730	23 23.7	1.2758	17 3.2	0.8995*n*	−7.935
4	12.8	0.2559	1.800	1.0744	23 24.1	1.2761	16 59.0	0.8977*n*	7.902
5	12.9	0.2586	1.806	1.0758	23 24.6	1.2764	16 54.7	0.8958*n*	7.867
6	12.9	0.2614	1.812	1.0771	23 25.0	1.2768	16 50.5	0.8937*n*	7.829
7	13.0	0.2641	1.819	1.0785	23 25.5	1.2771	16 46.3	0.8915*n*	7.789
8	13.1	0.2669	1.825	1.0799	23 26.0	1.2775	16 42.1	0.8891*n*	7.747
9	13.1	0.2696	+1.831	1.0813	23 26.5	1.2780	16 37.9	0.8867*n*	−7.703
10	13.2	0.2723	1.838	1.0827	23 27.0	1.2784	16 33.7	0.8841*n*	7.657
11	13.3	0.2751	1.844	1.0841	23 27.5	1.2788	16 29.5	0.8813*n*	7.608
12	13.3	0.2778	1.851	1.0855	23 28.0	1.2793	16 25.3	0.8783*n*	7.557
13	13.4	0.2805	1.858	1.0869	23 28.5	1.2798	16 21.1	0.8753*n*	7.504
14	13.5	0.2833	1.864	1.0883	23 29.0	1.2803	16 17.0	0.8721*n*	7.449
15	13.5	0.2860	+1.871	1.0898	23 29.5	1.2808	16 12.9	0.8687*n*	−7.391
16	13.6	0.2888	1.878	1.0912	23 30.1	1.2813	16 8.7	0.8652*n*	7.332
17	13.7	0.2915	1.885	1.0927	23 30.6	1.2818	16 4.6	0.8616*n*	7.271
18	13.7	0.2942	1.892	1.0942	23 31.1	1.2824	16 0.5	0.8578*n*	7.207
19	13.8	0.2970	1.899	1.0957	23 31.7	1.2829	15 56.4	0.8538*n*	7.141
20	13.9	0.2997	1.906	1.0972	23 32.2	1.2835	15 52.4	0.8496*n*	7.073
21	13.9	0.3025	+1.913	1.0987	23 32.8	1.2841	15 48.3	0.8453*n*	−7.003
22	14.0	0.3052	1.921	1.1002	23 33.3	1.2847	15 44.3	0.8408*n*	6.931
23	14.1	0.3079	1.928	1.1017	23 33.9	1.2853	15 40.2	0.8362*n*	6.858
24	14.1	0.3107	1.935	1.1033	23 34.4	1.2859	15 36.2	0.8314*n*	6.782
25	14.2	0.3134	1.943	1.1049	23 35.0	1.2865	15 32.2	0.8264*n*	6.705
26	14.3	0.3161	1.951	1.1065	23 35.5	1.2871	15 28.2	0.8212*n*	6.625
27	14.3	0.3189	+1.958	1.1081	23 36.1	1.2877	15 24.2	0.8158*n*	−6.543
28	14.4	0.3216	1.966	1.1096	23 36.6	1.2883	15 20.3	0.8102*n*	6.460
29	14.5	0.3244	1.974	1.1113	23 37.2	1.2890	15 16.3	0.8045*n*	6.375
30	14.5	0.3271	1.982	1.1129	23 37.7	1.2896	15 12.4	0.7985*n*	6.288
Mai 1	14.6	0.3298	1.990	1.1146	23 38.3	1.2902	15 8.4	0.7924*n*	6.200
2	14.6	0.3326	+1.998	1.1163	23 38.9	1.2908	15 4.5	0.7860*n*	−6.110

Tag	0h Welt-Zeit										
	f′	g′	G′	Allgemeine Präzession seit 1936.0	Δψ	Δψ′	Wahre Schiefe	Δε	Δε′	i	k
1936	s in 0.001	″ in 0.01	h	″	″	″ in 0.01	23°26′ ″	″	″ in 0.01	in 0.001	
März 22	+ 3	+ 9	18.8	+11.07	+17.08	+ 5	53.40	+2.02	+ 9	50	82
23	− 3	10	17.3	11.21	17.04	− 4	53.40	2.01	+10	50	82
24	− 8	9	15.8	11.35	16.99	−12	53.37	2.00	+ 8	50	82
25	−11	8	14.0	11.49	16.95	−17	53.32	1.99	+ 4	50	82
26	−11	7	11.5	11.62	16.91	−18	53.26	1.98	− 1	50	82
27	− 8	8	8.8	11.76	16.87	−13	53.20	1.97	− 6	51	82
28	− 2	+ 9	6.6	+11.90	+16.83	− 4	53.15	+1.95	− 9	51	82
29	+ 4	10	4.9	12.04	16.79	+ 7	53.13	1.94	−10	51	82
30	+11	11	3.4	12.17	16.75	+18	53.12	1.93	− 9	51	82
31	+15	12	2.0	12.31	16.72	+25	53.14	1.91	− 6	51	82
April 1	+17	11	0.6	12.45	16.68	+28	53.16	1.90	− 2	51	82
2	+16	11	23.2	12.59	16.64	+27	53.19	1.88	+ 2	51	82
3	+13	+10	21.7	+12.73	+16.60	+21	53.20	+1.87	+ 6	52	82
4	+ 8	10	20.2	12.86	16.57	+13	53.21	1.85	+ 8	52	82
5	+ 2	9	18.6	13.00	16.53	+ 3	53.19	1.83	+ 9	52	82
6	− 4	8	16.8	13.14	16.49	− 7	53.17	1.81	+ 8	52	83
7	− 9	8	15.0	13.28	16.46	−15	53.13	1.80	+ 6	52	83
8	−13	9	13.2	13.41	16.43	−21	53.08	1.78	+ 3	52	83
9	−14	+ 9	11.6	+13.55	+16.39	−24	53.02	+1.76	− 1	53	83
10	−14	10	10.3	13.69	16.36	−23	52.96	1.74	− 4	53	83
11	−11	10	9.0	13.83	16.33	−19	52.91	1.72	− 7	53	83
12	− 7	10	7.8	13.96	16.30	−11	52.87	1.70	− 9	53	83
13	− 2	9	6.5	14.10	16.27	− 3	52.85	1.67	− 9	53	83
14	+ 3	7	4.8	14.24	16.24	+ 6	52.85	1.65	− 7	54	83
15	+ 7	+ 6	2.3	+14.38	+16.22	+12	52.86	+1.63	− 3	54	83
16	+ 9	6	23.2	14.51	16.19	+14	52.88	1.61	+ 1	54	83
17	+ 7	7	20.7	14.65	16.17	+12	52.90	1.58	+ 5	54	83
18	+ 3	9	19.0	14.79	16.14	+ 6	52.90	1.56	+ 9	54	84
19	− 2	10	17.5	14.93	16.12	− 3	52.89	1.54	+10	54	84
20	− 7	10	16.1	15.06	16.10	−12	52.85	1.51	+ 9	55	84
21	−11	+ 9	14.4	+15.20	+16.08	−18	52.79	+1.49	+ 5	55	84
22	−12	8	12.4	15.34	16.06	−20	52.72	1.46	+ 1	55	84
23	−10	8	9.8	15.48	16.04	−16	52.65	1.44	− 4	55	84
24	− 5	9	7.5	15.62	16.03	− 8	52.58	1.41	− 8	55	84
25	+ 2	10	5.6	15.75	16.01	+ 3	52.54	1.39	−10	56	84
26	+ 9	11	3.9	15.89	16.00	+14	52.52	1.36	− 9	56	84
27	+14	+12	2.5	+16.03	+15.99	+23	52.51	+1.34	− 7	56	85
28	+17	12	1.0	16.17	15.98	+28	52.52	1.31	− 3	56	85
29	+17	11	23.6	16.30	15.97	+29	52.54	1.28	+ 1	56	85
30	+15	11	22.2	16.44	15.96	+24	52.55	1.26	+ 5	57	85
Mai 1	+10	10	20.8	16.58	15.95	+17	52.55	1.23	+ 8	57	85
2	+ 4	+ 9	19.2	+16.72	+15.95	+ 7	52.53	+1.20	+ 9	57	85

Tag		0ʰ Welt-Zeit								
		Sternzeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1936		h	a	″		h m		h m		″
Mai	2	14.6	0.3326	+1.998	1.1163	23 38.9	1.2908	15 4.5	0.7860*n*	−6.110
	3	14.7	0.3353	2.006	1.1180	23 39.4	1.2915	15 0.6	0.7795*n*	6.018
	4	14.8	0.3380	2.014	1.1197	23 40.0	1.2921	14 56.7	0.7726*n*	5.924
	5	14.8	0.3408	2.023	1.1214	23 40.5	1.2928	14 52.9	0.7655*n*	5.828
	6	14.9	0.3435	2.031	1.1231	23 41.1	1.2934	14 49.0	0.7582*n*	5.731
	7	15.0	0.3463	2.040	1.1248	23 41.6	1.2940	14 45.2	0.7507*n*	5.633
	8	15.0	0.3490	+2.048	1.1266	23 42.1	1.2946	14 41.3	0.7430*n*	−5.533
	9	15.1	0.3517	2.057	1.1283	23 42.7	1.2953	14 37.5	0.7349*n*	5.431
	10	15.2	0.3545	2.066	1.1301	23 43.2	1.2959	14 33.7	0.7266*n*	5.328
	11	15.2	0.3572	2.074	1.1318	23 43.7	1.2965	14 29.9	0.7179*n*	5.223
	12	15.3	0.3599	2.083	1.1336	23 44.2	1.2971	14 26.1	0.7090*n*	5.117
	13	15.4	0.3627	2.092	1.1355	23 44.7	1.2977	14 22.3	0.6998*n*	5.010
	14	15.4	0.3654	+2.101	1.1373	23 45.2	1.2983	14 18.6	0.6903*n*	−4.901
	15	15.5	0.3682	2.111	1.1391	23 45.7	1.2989	14 14.8	0.6804*n*	4.791
	16	15.6	0.3709	2.120	1.1410	23 46.2	1.2995	14 11.1	0.6702*n*	4.680
	17	15.6	0.3736	2.129	1.1428	23 46.7	1.3000	14 7.4	0.6596*n*	4.567
	18	15.7	0.3764	2.139	1.1447	23 47.2	1.3006	14 3.7	0.6486*n*	4.452
	19	15.8	0.3791	2.148	1.1466	23 47.6	1.3011	14 0.0	0.6372*n*	4.337
	20	15.8	0.3818	+2.158	1.1485	23 48.1	1.3017	13 56.3	0.6255*n*	−4.222
	21	15.9	0.3846	2.167	1.1504	23 48.6	1.3022	13 52.6	0.6132*n*	4.104
	22	16.0	0.3873	2.177	1.1523	23 49.0	1.3027	13 48.9	0.6004*n*	3.985
	23	16.0	0.3901	2.187	1.1542	23 49.4	1.3032	13 45.3	0.5871*n*	3.865
	24	16.1	0.3928	2.197	1.1561	23 49.8	1.3037	13 41.6	0.5733*n*	3.744
	25	16.2	0.3955	2.207	1.1580	23 50.3	1.3042	13 38.0	0.5591*n*	3.623
	26	16.2	0.3983	+2.217	1.1600	23 50.7	1.3047	13 34.3	0.5441*n*	−3.500
	27	16.3	0.4010	2.227	1.1619	23 51.1	1.3051	13 30.7	0.5284*n*	3.376
	28	16.4	0.4038	2.237	1.1638	23 51.4	1.3056	13 27.1	0.5122*n*	3.252
	29	16.4	0.4065	2.247	1.1658	23 51.8	1.3060	13 23.5	0.4950*n*	3.126
	30	16.5	0.4092	2.257	1.1678	23 52.2	1.3064	13 19.9	0.4771*n*	3.000
	31	16.6	0.4120	2.268	1.1697	23 52.6	1.3068	13 16.3	0.4583*n*	2.873
Juni	1	16.6	0.4147	+2.278	1.1717	23 52.9	1.3072	13 12.7	0.4385*n*	−2.745
	2	16.7	0.4174	2.288	1.1736	23 53.2	1.3075	13 9.1	0.4176*n*	2.616
	3	16.8	0.4202	2.299	1.1756	23 53.6	1.3079	13 5.6	0.3957*n*	2.487
	4	16.8	0.4229	2.309	1.1776	23 53.9	1.3082	13 2.0	0.3724*n*	2.357
	5	16.9	0.4257	2.320	1.1795	23 54.2	1.3085	12 58.4	0.3477*n*	2.227
	6	16.9	0.4284	2.330	1.1815	23 54.5	1.3088	12 54.9	0.3212*n*	2.095
	7	17.0	0.4311	+2.341	1.1834	23 54.8	1.3091	12 51.3	0.2929*n*	−1.963
	8	17.1	0.4339	2.352	1.1854	23 55.1	1.3094	12 47.8	0.2627*n*	1.831
	9	17.1	0.4366	2.362	1.1874	23 55.3	1.3096	12 44.3	0.2302*n*	1.699
	10	17.2	0.4393	2.373	1.1893	23 55.6	1.3098	12 40.7	0.1948*n*	1.566
	11	17.3	0.4421	2.384	1.1913	23 55.8	1.3100	12 37.2	0.1559*n*	1.432
	12	17.3	0.4448	+2.394	1.1932	23 56.0	1.3102	12 33.7	0.1133*n*	−1.298

Tag	f′	g′	G′	Allgemeine Präzession seit 1936.0	Δψ	Δψ′	Wahre Schiefe	Δε	Δε′	j	k
	0h Welt-Zeit										
1936	in 0.001 s	in 0.01 ″	h	″	″	in 0.01 ″	23° 26′ ″	″	in 0.01 ″	in 0.001	
Mai 2	+ 4	+ 9	19.2	+16.72	+15.95	+ 7	52.53	+1.20	+ 9	57	85
3	− 2	9	17.5	16.85	15.94	− 3	52.50	1.18	+ 8	57	85
4	− 7	8	15.7	16.99	15.94	−11	52.45	1.15	+ 7	57	85
5	−11	8	13.9	17.13	15.94	−18	52.40	1.12	+ 4	58	86
6	−13	9	12.2	17.27	15.94	−22	52.33	1.10	0	58	86
7	−13	9	10.6	17.40	15.94	−22	52.27	1.07	− 3	58	86
8	−11	+10	9.3	+17.54	+15.95	−19	52.21	+1.04	− 6	58	86
9	− 8	10	8.0	17.68	15.95	−13	52.16	1.01	− 8	59	86
10	− 3	9	6.8	17.82	15.96	− 4	52.13	0.99	− 9	59	86
11	+ 2	8	5.2	17.95	15.96	+ 4	52.11	0.96	− 8	59	86
12	+ 7	6	3.1	18.09	15.97	+11	52.12	0.94	− 5	59	86
13	+ 9	6	0.2	18.23	15.98	+15	52.13	0.91	0	60	87
14	+ 8	+ 7	21.5	+18.37	+15.99	+13	52.15	+0.88	+ 4	60	87
15	+ 5	8	19.6	18.51	16.01	+ 8	52.16	0.86	+ 8	60	87
16	0	10	17.9	18.64	16.02	− 1	52.15	0.83	+10	60	87
17	− 6	10	16.4	18.78	16.04	−10	52.12	0.80	+ 9	61	87
18	−11	10	14.8	18.92	16.05	−18	52.06	0.78	+ 7	61	87
19	−13	9	13.0	19.06	16.07	−22	52.00	0.75	+ 2	61	87
20	−12	+ 8	10.8	+19.19	+16.09	−20	51.92	+0.73	− 3	61	87
21	− 8	9	8.6	19.33	16.11	−13	51.85	0.70	− 7	62	87
22	− 2	9	6.5	19.47	16.13	− 3	51.80	0.68	− 9	62	88
23	+ 5	10	4.7	19.61	16.15	+ 9	51.77	0.66	−10	62	88
24	+12	11	3.1	19.74	16.18	+19	51.77	0.63	− 8	62	88
25	+16	11	1.5	19.88	16.20	+26	51.78	0.61	− 4	63	88
26	+17	+11	0.1	+20.02	+16.23	+29	51.79	+0.59	0	63	88
27	+16	11	22.7	20.16	16.25	+26	51.81	0.57	+ 4	63	88
28	+12	10	21.2	20.29	16.28	+20	51.82	0.54	+ 7	64	88
29	+ 6	10	19.7	20.43	16.31	+10	51.81	0.52	+ 9	64	88
30	0	9	18.1	20.57	16.34	+ 1	51.79	0.50	+ 9	64	88
31	− 5	8	16.3	20.71	16.37	− 9	51.75	0.48	+ 7	65	88
Juni 1	−10	+ 8	14.4	+20.84	+16.40	−16	51.71	+0.46	+ 5	65	89
2	−13	8	12.6	20.98	16.44	−21	51.65	0.44	+ 1	65	89
3	−13	9	11.0	21.12	16.47	−22	51.60	0.42	− 2	65	89
4	−12	9	9.6	21.26	16.50	−19	51.54	0.40	− 5	66	89
5	− 8	10	8.3	21.40	16.54	−14	51.50	0.38	− 8	66	89
6	− 4	9	7.0	21.53	16.57	− 6	51.47	0.36	− 9	66	89
7	+ 2	+ 8	5.5	+21.67	+16.61	+ 3	51.46	+0.35	− 8	67	89
8	+ 6	7	3.6	21.81	16.65	+10	51.47	0.33	− 6	67	89
9	+ 9	6	1.1	21.95	16.68	+15	51.49	0.31	− 2	67	89
10	+10	7	22.4	22.08	16.72	+16	51.52	0.30	+ 3	68	89
11	+ 7	8	20.3	22.22	16.76	+12	51.54	0.28	+ 7	68	89
12	+ 2	+ 9	18.6	+22.36	+16.80	+ 3	51.55	+0.27	+ 9	68	89

Reduktionsgrößen 1936

Tag	0h Welt-Zeit								
	Stern-zeit Greenw.	*t*	*f*	log *g*	*G*	log *h*	*H*	log *i*	*i*
1936	h	s	s		h m		h m		"
Juni 12	17.3	0.4448	+2.394	1.1932	23 56.0	1.3102	12 33.7	0.1133*n*	−1.298
13	17.4	0.4476	2.405	1.1952	23 56.3	1.3104	12 30.2	0.0660*n*	1.164
14	17.5	0.4503	2.416	1.1971	23 56.5	1.3106	12 26.7	0.0124*n*	1.029
15	17.5	0.4530	2.427	1.1991	23 56.7	1.3107	12 23.1	9.9513*n*	0.894
16	17.6	0.4558	2.438	1.2010	23 56.9	1.3108	12 19.6	9.8802*n*	0.759
17	17.7	0.4585	2.449	1.2030	23 57.1	1.3109	12 16.1	9.7952*n*	0.624
18	17.7	0.4612	+2.460	1.2049	23 57.2	1.3110	12 12.6	9.6893*n*	−0.489
19	17.8	0.4640	2.470	1.2068	23 57.4	1.3110	12 9.1	9.5478*n*	0.353
20	17.9	0.4667	2.481	1.2087	23 57.5	1.3111	12 5.6	9.3365*n*	0.217
21	17.9	0.4695	2.492	1.2106	23 57.7	1.3111	12 2.1	8.9138*n*	−0.082
22	18.0	0.4722	2.503	1.2125	23 57.8	1.3111	11 58.6	8.7324	+0.054
23	18.1	0.4749	2.514	1.2144	23 58.0	1.3111	11 55.1	9.2788	0.190
24	18.1	0.4777	+2.525	1.2162	23 58.1	1.3111	11 51.6	9.5119	+0.325
25	18.2	0.4804	2.536	1.2181	23 58.2	1.3110	11 48.1	9.6628	0.460
26	18.3	0.4832	2.547	1.2200	23 58.3	1.3109	11 44.6	9.7745	0.595
27	18.3	0.4859	2.558	1.2218	23 58.3	1.3108	11 41.1	9.8633	0.730
28	18.4	0.4886	2.569	1.2237	23 58.4	1.3107	11 37.6	9.9370	0.865
29	18.5	0.4914	2.579	1.2255	23 58.5	1.3106	11 34.1	0.0000	1.000
30	18.5	0.4941	+2.590	1.2273	23 58.6	1.3105	11 30.6	0.0550	+1.135
Juli 1	18.6	0.4968	2.601	1.2291	23 58.6	1.3103	11 27.1	0.1035	1.269
2	18.7	0.4996	2.612	1.2309	23 58.7	1.3101	11 23.6	0.1467	1.402
3	18.7	0.5023	2.622	1.2327	23 58.7	1.3099	11 20.0	0.1861	1.535
4	18.8	0.5051	2.633	1.2345	23 58.7	1.3097	11 16.5	0.2222	1.668
5	18.9	0.5078	2.644	1.2362	23 58.7	1.3094	11 13.0	0.2555	1.801
6	18.9	0.5105	+2.654	1.2380	23 58.8	1.3092	11 9.5	0.2862	+1.933
7	19.0	0.5133	2.665	1.2397	23 58.8	1.3089	11 5.9	0.3147	2.064
8	19.1	0.5160	2.676	1.2414	23 58.8	1.3086	11 2.4	0.3414	2.195
9	19.1	0.5187	2.686	1.2431	23 58.8	1.3083	10 58.9	0.3666	2.326
10	19.2	0.5215	2.697	1.2448	23 58.7	1.3080	10 55.3	0.3901	2.455
11	19.2	0.5242	2.707	1.2465	23 58.7	1.3076	10 51.8	0.4123	2.584
12	19.3	0.5270	+2.717	1.2482	23 58.7	1.3073	10 48.2	0.4333	+2.712
13	19.4	0.5297	2.728	1.2498	23 58.7	1.3069	10 44.6	0.4532	2.839
14	19.4	0.5324	2.738	1.2514	23 58.6	1.3065	10 41.1	0.4722	2.966
15	19.5	0.5352	2.748	1.2531	23 58.6	1.3061	10 37.5	0.4902	3.092
16	19.6	0.5379	2.758	1.2547	23 58.5	1.3057	10 33.9	0.5075	3.217
17	19.6	0.5406	2.768	1.2563	23 58.5	1.3052	10 30.3	0.5239	3.341
18	19.7	0.5434	+2.778	1.2578	23 58.4	1.3048	10 26.7	0.5396	+3.464
19	19.8	0.5461	2.788	1.2594	23 58.4	1.3043	10 23.1	0.5547	3.587
20	19.8	0.5489	2.798	1.2609	23 58.3	1.3039	10 19.5	0.5691	3.708
21	19.9	0.5516	2.808	1.2624	23 58.2	1.3034	10 15.8	0.5830	3.828
22	20.0	0.5543	2.818	1.2639	23 58.2	1.3029	10 12.2	0.5964	3.948
23	20.0	0.5571	+2.827	1.2654	23 58.1	1.3024	10 8.6	0.6093	+4.067

Tag	0h Welt-Zeit										
	f′	g′	G′	Allgemeine Präzession seit 1936.0	Δψ	Δψ′	Wahre Schiefe	Δε	Δε′	j	k
1936	s in 0.001	″ in 0.01	h	″	″	″ in 0.01	23° 26′ ″	″	″ in 0.01	in 0.001	
Juni 12	+ 2	+ 9	18.6	+22.36	+16.80	+ 3	51.55	+0.27	+ 9	68	89
13	− 4	10	17.0	22.50	16.84	− 6	51.54	0.26	+10	68	89
14	− 9	10	15.4	22.63	16.88	−15	51.50	0.24	+ 8	69	89
15	−13	9	13.6	22.77	16.92	−21	51.45	0.23	+ 4	69	89
16	−13	9	11.6	22.91	16.96	−22	51.39	0.22	− 1	69	89
17	−10	9	9.4	23.05	17.00	−17	51.33	0.20	− 6	70	89
18	− 5	+ 9	7.3	+23.18	+17.04	− 8	51.29	+0.19	− 9	70	89
19	+ 2	10	5.5	23.32	17.08	+ 3	51.26	0.18	−10	70	89
20	+ 9	10	3.7	23.46	17.12	+15	51.26	0.17	− 9	70	89
21	+14	11	2.1	23.60	17.16	+23	51.28	0.16	− 6	71	89
22	+17	11	0.6	23.73	17.20	+27	51.31	0.15	− 2	71	89
23	+16	11	23.1	23.87	17.24	+26	51.34	0.15	+ 3	71	89
24	+13	+10	21.6	+24.01	+17.28	+21	51.37	+0.14	+ 6	72	89
25	+ 8	10	20.1	24.15	17.33	+13	51.39	0.13	+ 8	72	89
26	+ 2	9	18.6	24.29	17.37	+ 3	51.38	0.12	+ 9	72	89
27	− 4	8	16.9	24.42	17.41	− 6	51.36	0.12	+ 8	73	89
28	− 8	8	15.0	24.56	17.45	−14	51.34	0.11	+ 5	73	89
29	−12	8	13.1	24.70	17.49	−19	51.30	0.11	+ 2	73	89
30	−13	+ 9	11.5	+24.84	+17.52	−22	51.26	+0.11	− 1	74	89
Juli 1	−13	9	10.0	24.97	17.56	−21	51.22	0.10	− 5	74	89
2	−10	10	8.8	25.11	17.60	−16	51.19	0.10	− 7	74	89
3	− 5	9	7.4	25.25	17.64	− 9	51.17	0.10	− 9	75	89
4	0	9	6.0	25.39	17.68	0	51.17	0.09	− 9	75	89
5	+ 5	7	4.2	25.52	17.71	+ 8	51.19	0.09	− 6	75	89
6	+ 9	+ 7	1.9	+25.66	+17.75	+15	51.22	+0.09	− 3	76	89
7	+10	7	23.3	25.80	17.79	+17	51.26	0.09	+ 1	76	89
8	+ 9	8	21.1	25.94	17.82	+14	51.30	0.09	+ 5	76	89
9	+ 5	9	19.3	26.07	17.86	+ 8	51.33	0.09	+ 8	76	89
10	− 1	9	17.8	26.21	17.89	− 1	51.34	0.10	+ 9	77	89
11	− 7	9	16.2	26.35	17.92	−11	51.33	0.10	+ 8	77	89
12	−11	+ 9	14.4	+26.49	+17.95	−18	51.30	+0.10	+ 5	77	88
13	−13	8	12.3	26.62	17.99	−21	51.26	0.10	+ 1	78	88
14	−11	8	10.1	26.76	18.02	−19	51.21	0.11	− 4	78	88
15	− 7	9	8.0	26.90	18.05	−11	51.18	0.11	− 8	78	88
16	0	10	6.1	27.04	18.07	0	51.16	0.11	−10	78	88
17	+ 7	10	4.4	27.18	18.10	+11	51.17	0.12	− 9	79	88
18	+12	+11	2.7	+27.31	+18.13	+20	51.20	+0.12	− 7	79	88
19	+16	11	1.1	27.45	18.15	+26	51.24	0.13	− 3	79	88
20	+16	11	23.5	27.59	18.18	+26	51.29	0.13	+ 1	80	88
21	+14	10	22.0	27.73	18.20	+23	51.33	0.14	+ 5	80	88
22	+ 9	10	20.6	27.86	18.22	+15	51.36	0.15	+ 8	80	88
23	+ 4	+ 9	19.0	+28.00	+18.24	+ 6	51.38	+0.15	+ 9	80	87

Tag		0ʰ Welt-Zeit								
		Stern-zeit Greenw.	t	f	log g	G	log h	H	log i	i
1936		h	s	s		h m		h m		"
Juli	23	20.0	0.5571	+2.827	1.2654	23 58.1	1.3024	10 8.6	0.6093	+4.067
	24	20.1	0.5598	2.837	1.2669	23 58.0	1.3018	10 4.9	0.6216	4.184
	25	20.2	0.5626	2.847	1.2684	23 57.9	1.3013	10 1.3	0.6334	4.299
	26	20.2	0.5653	2.856	1.2698	23 57.8	1.3008	9 57.6	0.6447	4.413
	27	20.3	0.5680	2.865	1.2713	23 57.7	1.3002	9 53.9	0.6558	4.527
	28	20.4	0.5708	2.875	1.2727	23 57.6	1.2997	9 50.2	0.6664	4.639
	29	20.4	0.5735	+2.884	1.2741	23 57.5	1.2991	9 46.5	0.6767	+4.750
	30	20.5	0.5762	2.893	1.2754	23 57.4	1.2985	9 42.8	0.6866	4.860
	31	20.6	0.5790	2.902	1.2768	23 57.3	1.2979	9 39.1	0.6962	4.968
Aug.	1	20.6	0.5817	2.911	1.2782	23 57.2	1.2973	9 35.3	0.7055	5.076
	2	20.7	0.5845	2.920	1.2795	23 57.1	1.2967	9 31.6	0.7144	5.181
	3	20.8	0.5872	2.929	1.2808	23 57.0	1.2961	9 27.8	0.7231	5.286
	4	20.8	0.5899	+2.938	1.2821	23 56.9	1.2955	9 24.1	0.7315	+5.389
	5	20.9	0.5927	2.946	1.2834	23 56.8	1.2949	9 20.3	0.7396	5.490
	6	21.0	0.5954	2.955	1.2847	23 56.7	1.2943	9 16.5	0.7474	5.590
	7	21.0	0.5981	2.963	1.2859	23 56.6	1.2937	9 12.7	0.7550	5.688
	8	21.1	0.6009	2.972	1.2871	23 56.5	1.2930	9 8.9	0.7623	5.785
	9	21.2	0.6036	2.980	1.2883	23 56.4	1.2924	9 5.0	0.7694	5.880
	10	21.2	0.6064	+2.988	1.2895	23 56.3	1.2918	9 1.2	0.7762	+5.973
	11	21.3	0.6091	2.997	1.2907	23 56.2	1.2912	8 57.3	0.7828	6.065
	12	21.4	0.6118	3.005	1.2919	23 56.1	1.2905	8 53.5	0.7893	6.156
	13	21.4	0.6146	3.013	1.2931	23 56.0	1.2899	8 49.6	0.7955	6.244
	14	21.5	0.6173	3.021	1.2942	23 55.9	1.2893	8 45.7	0.8015	6.331
	15	21.5	0.6200	3.028	1.2953	23 55.8	1.2887	8 41.8	0.8073	6.416
	16	21.6	0.6228	+3.036	1.2964	23 55.7	1.2880	8 37.9	0.8128	+6.499
	17	21.7	0.6255	3.044	1.2975	23 55.6	1.2874	8 33.9	0.8183	6.581
	18	21.7	0.6283	3.051	1.2986	23 55.5	1.2868	8 30.0	0.8235	6.660
	19	21.8	0.6310	3.059	1.2997	23 55.4	1.2862	8 26.0	0.8285	6.738
	20	21.9	0.6337	3.066	1.3007	23 55.3	1.2856	8 22.1	0.8334	6.814
	21	21.9	0.6365	3.074	1.3018	23 55.3	1.2850	8 18.1	0.8381	6.888
	22	22.0	0.6392	+3.081	1.3028	23 55.2	1.2844	8 14.1	0.8426	+6.960
	23	22.1	0.6420	3.088	1.3038	23 55.1	1.2838	8 10.1	0.8470	7.030
	24	22.1	0.6447	3.095	1.3048	23 55.0	1.2833	8 6.1	0.8512	7.099
	25	22.2	0.6474	3.102	1.3058	23 55.0	1.2827	8 2.1	0.8552	7.165
	26	22.3	0.6502	3.109	1.3067	23 54.9	1.2822	7 58.0	0.8591	7.229
	27	22.3	0.6529	3.116	1.3077	23 54.8	1.2816	7 54.0	0.8628	7.291
	28	22.4	0.6556	+3.122	1.3087	23 54.8	1.2811	7 49.9	0.8664	+7.352
	29	22.5	0.6584	3.129	1.3096	23 54.7	1.2806	7 45.8	0.8698	7.410
	30	22.5	0.6611	3.136	1.3106	23 54.7	1.2801	7 41.7	0.8731	7.466
	31	22.6	0.6639	3.142	1.3115	23 54.6	1.2796	7 37.6	0.8762	7.520
Sept.	1	22.7	0.6666	3.149	1.3124	23 54.6	1.2792	7 33.5	0.8792	7.572
	2	22.7	0.6693	+3.155	1.3133	23 54.6	1.2787	7 29.4	0.8820	+7.621

Tag		f′	g′	G′	Allgemeine Präzession seit 1936.0	Δψ	Δψ′	Wahre Schiefe	Δε	Δε′	j	k
		0h Welt-Zeit										
1936		s in 0.001	" in 0.01				" in 0.01	23° 26′		s in 0.01	in 0.001	
				h	"	"		"	"			
Juli	23	+ 4	+ 9	19.0	+28.00	+18.24	+ 6	51.38	+0.15	+9	80	87
	24	− 2	8	17.3	28.14	18.26	− 4	51.38	0.16	+8	81	87
	25	− 7	8	15.5	28.28	18.28	−12	51.36	0.17	+6	81	87
	26	−11	8	13.7	28.41	18.30	−18	51.34	0.18	+3	81	87
	27	−13	9	11.9	28.55	18.31	−22	51.31	0.18	0	82	87
	28	−13	9	10.5	28.69	18.33	−22	51.29	0.19	−3	82	87
	29	−11	+10	9.2	+28.83	+18.34	−18	51.26	+0.20	−6	82	87
	30	− 7	9	8.0	28.96	18.35	−12	51.25	0.21	−8	82	87
	31	− 2	9	6.6	29.10	18.37	− 4	51.26	0.22	−9	83	87
Aug.	1	+ 3	7	5.0	29.24	18.37	+ 5	51.28	0.23	−7	83	87
	2	+ 7	7	2.8	29.38	18.38	+12	51.31	0.24	−4	83	86
	3	+10	6	0.3	29.51	18.39	+16	51.36	0.25	0	83	86
	4	+10	+ 7	21.8	+29.65	+18.39	+16	51.42	+0.26	+4	84	86
	5	+ 7	9	20.0	29.79	18.40	+11	51.46	0.26	+7	84	86
	6	+ 2	9	18.4	29.93	18.40	+ 2	51.49	0.27	+9	84	86
	7	− 4	9	16.9	30.07	18.40	− 7	51.49	0.28	+9	84	86
	8	− 9	9	15.2	30.20	18.40	−15	51.47	0.29	+6	84	86
	9	−12	8	13.1	30.34	18.40	−19	51.44	0.30	+2	85	86
	10	−11	+ 8	10.7	+30.48	+18.40	−18	51.40	+0.31	−3	85	85
	11	− 8	8	8.4	30.62	18.39	−13	51.37	0.32	−7	85	85
	12	− 2	9	6.5	30.75	18.39	− 3	51.35	0.33	−9	86	85
	13	+ 5	10	4.7	30.89	18.38	+ 8	51.35	0.34	−9	86	85
	14	+11	11	3.1	31.03	18.37	+18	51.38	0.35	−8	86	85
	15	+15	11	1.5	31.17	18.36	+25	51.42	0.36	−4	86	85
	16	+16	+11	0.0	+31.30	+18.35	+27	51.47	+0.37	0	86	85
	17	+15	10	22.4	31.44	18.34	+24	51.52	0.38	+4	87	85
	18	+11	10	21.0	31.58	18.32	+17	51.56	0.39	+7	87	84
	19	+ 5	9	19.4	31.72	18.31	+ 8	51.58	0.40	+9	87	84
	20	− 1	9	17.8	31.85	18.29	− 1	51.59	0.41	+9	87	84
	21	− 6	8	16.0	31.99	18.27	−10	51.58	0.41	+7	87	84
	22	−10	+ 8	14.1	+32.13	+18.25	−17	51.56	+0.42	+4	88	84
	23	−13	8	12.4	32.27	18.23	−21	51.53	0.43	+1	88	84
	24	−13	9	10.9	32.40	18.21	−22	51.50	0.44	−3	88	84
	25	−12	10	9.6	32.54	18.19	−20	51.48	0.44	−6	88	84
	26	− 9	10	8.4	32.68	18.16	−15	51.46	0.45	−8	88	84
	27	− 4	9	7.2	32.82	18.14	− 7	51.46	0.46	−9	89	83
	28	+ 1	+ 8	5.7	+32.96	+18.11	+ 1	51.48	+0.46	−8	89	83
	29	+ 5	6	3.8	33.09	18.08	+ 9	51.50	0.47	−5	89	83
	30	+ 8	6	1.1	33.23	18.06	+14	51.54	0.47	−2	89	83
	31	+ 9	6	22.4	33.37	18.03	+15	51.59	0.48	+3	89	83
Sept.	1	+ 7	8	20.3	33.51	17.99	+11	51.63	0.48	+7	90	83
	2	+ 3	+ 9	18.8	+33.64	+17.96	+ 5	51.66	+0.49	+9	90	83

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1936	h	s	s		h m		h m		"
Sept. 2	22.7	0.6693	+3.155	1.3133	23 54.6	1.2787	7 29.4	0.8820	+7.621
3	22.8	0.6721	3.162	1.3141	23 54.5	1.2783	7 25.3	0.8847	7.668
4	22.9	0.6748	3.168	1.3150	23 54.5	1.2778	7 21.1	0.8873	7.714
5	22.9	0.6775	3.174	1.3158	23 54.5	1.2774	7 17.0	0.8897	7.758
6	23.0	0.6803	3.181	1.3167	23 54.5	1.2771	7 12.8	0.8920	7.799
7	23.1	0.6830	3.187	1.3176	23 54.4	1.2767	7 8.6	0.8941	7.837
8	23.1	0.6858	+3.193	1.3184	23 54.4	1.2763	7 4.5	0.8961	+7.873
9	23.2	0.6885	3.199	1.3193	23 54.5	1.2760	7 0.3	0.8980	7.907
10	23.3	0.6912	3.205	1.3201	23 54.5	1.2757	6 56.1	0.8998	7.939
11	23.3	0.6940	3.211	1.3209	23 54.5	1.2754	6 51.9	0.9015	7.970
12	23.4	0.6967	3.217	1.3217	23 54.5	1.2752	6 47.7	0.9029	7.997
13	23.5	0.6994	3.223	1.3225	23 54.5	1.2749	6 43.5	0.9043	8.022
14	23.5	0.7022	+3.229	1.3233	23 54.6	1.2747	6 39.2	0.9055	+8.045
15	23.6	0.7049	3.235	1.3241	23 54.6	1.2745	6 35.0	0.9066	8.065
16	23.7	0.7077	3.241	1.3249	23 54.7	1.2743	6 30.8	0.9076	8.084
17	23.7	0.7104	3.247	1.3256	23 54.7	1.2741	6 26.5	0.9085	8.100
18	23.8	0.7131	3.252	1.3264	23 54.8	1.2740	6 22.3	0.9092	8.113
19	23.8	0.7159	3.258	1.3272	23 54.8	1.2739	6 18.0	0.9098	8.124
20	23.9	0.7186	+3.264	1.3280	23 54.9	1.2738	6 13.7	0.9103	+8.133
21	0.0	0.7214	3.270	1.3287	23 55.0	1.2737	6 9.5	0.9106	8.139
22	0.0	0.7241	3.275	1.3295	23 55.1	1.2737	6 5.2	0.9108	8.143
23	0.1	0.7268	3.281	1.3302	23 55.2	1.2737	6 1.0	0.9109	8.145
24	0.2	0.7296	3.287	1.3310	23 55.3	1.2737	5 56.7	0.9109	8.145
25	0.2	0.7323	3.293	1.3317	23 55.4	1.2737	5 52.4	0.9107	8.142
26	0.3	0.7350	+3.298	1.3325	23 55.5	1.2738	5 48.1	0.9104	+8.136
27	0.4	0.7378	3.304	1.3332	23 55.6	1.2738	5 43.9	0.9100	8.128
28	0.4	0.7405	3.310	1.3340	23 55.7	1.2739	5 39.6	0.9094	8.118
29	0.5	0.7433	3.316	1.3347	23 55.8	1.2741	5 35.3	0.9088	8.105
30	0.6	0.7460	3.321	1.3355	23 56.0	1.2742	5 31.0	0.9080	8.091
Okt. 1	0.6	0.7487	3.327	1.3362	23 56.1	1.2744	5 26.8	0.9070	8.073
2	0.7	0.7515	+3.333	1.3370	23 56.3	1.2746	5 22.5	0.9060	+8.053
3	0.8	0.7542	3.339	1.3378	23 56.4	1.2748	5 18.2	0.9048	8.031
4	0.8	0.7569	3.345	1.3385	23 56.6	1.2751	5 13.9	0.9035	8.007
5	0.9	0.7597	3.351	1.3393	23 56.8	1.2753	5 9.7	0.9020	7.980
6	1.0	0.7624	3.357	1.3400	23 56.9	1.2756	5 5.4	0.9004	7.951
7	1.0	0.7652	3.363	1.3408	23 57.1	1.2759	5 1.1	0.8987	7.919
8	1.1	0.7679	+3.369	1.3416	23 57.3	1.2762	4 56.9	0.8968	+7.885
9	1.2	0.7706	3.375	1.3423	23 57.5	1.2766	4 52.6	0.8948	7.848
10	1.2	0.7734	3.381	1.3431	23 57.7	1.2769	4 48.4	0.8926	7.809
11	1.3	0.7761	3.387	1.3439	23 57.9	1.2773	4 44.1	0.8903	7.768
12	1.4	0.7788	3.393	1.3447	23 58.1	1.2777	4 39.9	0.8879	7.725
13	1.4	0.7816	+3.400	1.3455	23 58.3	1.2782	4 35.7	0.8853	+7.679

Tag	0ʰ Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1936.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1936	s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01	in 0.001	
Sept. 2	+ 3	+ 9	18.8	+33.64	+17.96	+ 5	51.66	+0.49	+ 9	90	83
3	− 2	9	17.3	33.78	17.93	− 4	51.67	0.49	+ 9	90	83
4	− 8	9	15.7	33.92	17.90	−13	51.65	0.49	+ 7	90	83
5	−11	8	13.9	34.06	17.86	−18	51.61	0.50	+ 4	90	83
6	−11	7	11.5	34.19	17.82	−18	51.57	0.50	− 1	91	83
7	− 8	8	9.0	34.33	17.79	−14	51.52	0.50	− 6	91	83
8	− 3	+ 9	6.9	+34.47	+17.75	− 5	51.49	+0.50	− 9	91	82
9	+ 3	10	5.1	34.61	17.71	+ 6	51.48	0.50	−10	91	82
10	+10	11	3.5	34.74	17.67	+16	51.49	0.50	− 9	91	82
11	+15	11	2.0	34.88	17.64	+24	51.52	0.50	− 6	91	82
12	+17	11	0.5	35.02	17.60	+28	51.56	0.50	− 1	92	82
13	+16	11	23.0	35.16	17.55	+26	51.60	0.50	+ 3	92	82
14	+13	+10	21.5	+35.29	+17.51	+21	51.63	+0.50	+ 6	92	82
15	+ 7	10	20.0	35.43	17.47	+12	51.64	0.49	+ 8	92	82
16	+ 1	9	18.4	35.57	17.43	+ 2	51.64	0.49	+ 9	92	82
17	− 4	8	16.6	35.71	17.39	− 7	51.63	0.49	+ 8	92	82
18	− 9	8	14.7	35.85	17.35	−15	51.59	0.48	+ 5	92	82
19	−12	8	12.9	35.98	17.30	−20	51.56	0.48	+ 2	93	82
20	−13	+ 9	11.3	+36.12	+17.26	−22	51.52	+0.47	− 2	93	82
21	−12	9	9.9	36.26	17.21	−20	51.48	0.47	− 5	93	82
22	−10	10	8.8	36.40	17.17	−16	51.44	0.46	− 7	93	82
23	− 6	9	7.7	36.53	17.13	−10	51.42	0.45	− 8	93	82
24	− 1	8	6.4	36.67	17.08	− 2	51.42	0.44	− 8	93	82
25	+ 3	7	4.7	36.81	17.04	+ 5	51.43	0.43	− 6	94	82
26	+ 7	+ 5	2.3	+36.95	+17.00	+11	51.45	+0.42	− 3	94	82
27	+ 8	5	23.1	37.08	16.95	+13	51.48	0.41	+ 1	94	82
28	+ 7	7	20.6	37.22	16.91	+11	51.50	0.40	+ 5	94	82
29	+ 3	8	18.9	37.36	16.87	+ 5	51.52	0.39	+ 8	94	82
30	− 2	9	17.5	37.50	16.82	− 3	51.52	0.38	+ 9	94	82
Okt. 1	− 7	9	16.1	37.63	16.78	−11	51.49	0.37	+ 8	95	82
2	−11	+ 9	14.4	+37.77	+16.74	−18	51.45	+0.35	+ 5	95	82
3	−12	8	12.3	37.91	16.70	−20	51.39	0.34	+ 1	95	82
4	−10	8	9.8	38.05	16.65	−16	51.32	0.32	− 4	95	82
5	− 5	8	7.5	38.18	16.61	− 8	51.27	0.31	− 8	95	82
6	+ 1	10	5.6	38.32	16.57	+ 2	51.23	0.29	−10	95	82
7	+ 8	11	4.0	38.46	16.53	+14	51.22	0.28	− 9	96	82
8	+14	+11	2.4	+38.60	+16.49	+23	51.23	+0.26	− 7	96	82
9	+17	12	1.0	38.74	16.45	+28	51.25	0.24	− 3	96	82
10	+17	11	23.5	38.87	16.42	+29	51.27	0.22	+ 2	96	83
11	+15	11	22.0	39.01	16.38	+24	51.29	0.20	+ 5	96	83
12	+10	10	20.6	39.15	16.34	+16	51.29	0.18	+ 8	97	83
13	+ 4	+ 9	19.0	+39.29	+16.31	+ 6	51.28	+0.16	+ 9	97	83

Reduktionsgrößen 1936

Tag	0h Welt-Zeit								
	Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
1936	h	s	s		h m		h m		"
Okt. 13	1.4	0.7816	+3.400	1.3455	23 58.3	1.2782	4 35.7	0.8853	+7.679
14	1.5	0.7843	3.406	1.3463	23 58.5	1.2786	4 31.4	0.8826	7.631
15	1.6	0.7871	3.412	1.3471	23 58.7	1.2791	4 27.2	0.8797	7.581
16	1.6	0.7898	3.419	1.3480	23 59.0	1.2796	4 23.0	0.8767	7.528
17	1.7	0.7925	3.425	1.3488	23 59.2	1.2801	4 18.8	0.8735	7.473
18	1.8	0.7953	3.432	1.3496	23 59.4	1.2806	4 14.6	0.8702	7.416
19	1.8	0.7980	+3.439	1.3505	23 59.7	1.2811	4 10.4	0.8667	+7.357
20	1.9	0.8007	3.445	1.3513	23 59.9	1.2816	4 6.2	0.8630	7.295
21	2.0	0.8035	3.452	1.3522	0 0.1	1.2822	4 2.0	0.8592	7.231
22	2.0	0.8062	3.459	1.3530	0 0.4	1.2827	3 57.9	0.8552	7.164
23	2.1	0.8090	3.466	1.3539	0 0.6	1.2833	3 53.7	0.8510	7.095
24	2.1	0.8117	3.473	1.3548	0 0.9	1.2839	3 49.6	0.8466	7.025
25	2.2	0.8144	+3.480	1.3557	0 1.2	1.2845	3 45.4	0.8421	+6.952
26	2.3	0.8172	3.487	1.3566	0 1.4	1.2851	3 41.3	0.8375	6.878
27	2.3	0.8199	3.495	1.3575	0 1.7	1.2857	3 37.2	0.8326	6.801
28	2.4	0.8227	3.502	1.3584	0 1.9	1.2863	3 33.1	0.8274	6.721
29	2.5	0.8254	3.509	1.3594	0 2.2	1.2870	3 29.0	0.8222	6.640
30	2.5	0.8281	3.517	1.3603	0 2.5	1.2876	3 24.9	0.8167	6.557
31	2.6	0.8309	+3.525	1.3613	0 2.7	1.2882	3 20.8	0.8110	+6.471
Nov. 1	2.7	0.8336	3.532	1.3622	0 3.0	1.2889	3 16.7	0.8050	6.383
2	2.7	0.8363	3.540	1.3632	0 3.3	1.2895	3 12.6	0.7989	6.294
3	2.8	0.8391	3.548	1.3642	0 3.5	1.2902	3 8.6	0.7926	6.203
4	2.9	0.8418	3.556	1.3652	0 3.8	1.2909	3 4.5	0.7860	6.110
5	2.9	0.8446	3.564	1.3662	0 4.1	1.2915	3 0.5	0.7792	6.014
6	3.0	0.8473	+3.573	1.3672	0 4.3	1.2922	2 56.5	0.7721	+5.917
7	3.1	0.8500	3.581	1.3682	0 4.6	1.2928	2 52.5	0.7648	5.818
8	3.1	0.8528	3.589	1.3692	0 4.9	1.2935	2 48.5	0.7572	5.717
9	3.2	0.8555	3.598	1.3703	0 5.1	1.2941	2 44.5	0.7493	5.614
10	3.3	0.8582	3.607	1.3713	0 5.4	1.2948	2 40.5	0.7412	5.510
11	3.3	0.8610	3.615	1.3724	0 5.6	1.2954	2 36.5	0.7327	5.404
12	3.4	0.8637	+3.624	1.3735	0 5.9	1.2961	2 32.6	0.7239	+5.296
13	3.5	0.8665	3.633	1.3745	0 6.2	1.2967	2 28.6	0.7149	5.187
14	3.5	0.8692	3.642	1.3756	0 6.4	1.2973	2 24.7	0.7055	5.076
15	3.6	0.8719	3.651	1.3767	0 6.7	1.2980	2 20.7	0.6957	4.963
16	3.7	0.8747	3.660	1.3778	0 6.9	1.2986	2 16.8	0.6856	4.848
17	3.7	0.8774	3.669	1.3790	0 7.2	1.2992	2 12.9	0.6750	4.732
18	3.8	0.8801	+3.679	1.3801	0 7.4	1.2998	2 9.0	0.6642	+4.615
19	3.9	0.8829	3.688	1.3812	0 7.6	1.3004	2 5.1	0.6528	4.496
20	3.9	0.8856	3.698	1.3824	0 7.9	1.3010	2 1.2	0.6410	4.375
21	4.0	0.8884	3.708	1.3835	0 8.1	1.3015	1 57.3	0.6288	4.254
22	4.1	0.8911	3.717	1.3847	0 8.3	1.3021	1 53.4	0.6161	4.131
23	4.1	0.8938	+3.727	1.3858	0 8.5	1.3026	1 49.6	0.6028	+4.007

Tag		0^h Welt-Zeit										
		f'	g'	G'	Allgemeine Präzession seit 1936.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1936		s in 0.001	" in 0.01	h	"	"	" in 0.01	23° 26' "	"	" in 0.01	in 0.001	
Okt.	13	+ 4	+ 9	19.0	+39.29	+16.31	+ 6	51.28	+0.16	+9	97	83
	14	− 2	8	17.4	39.42	16.28	− 3	51.25	0.14	+8	97	83
	15	− 7	7	15.5	39.56	16.24	−11	51.21	0.12	+6	97	83
	16	−11	8	13.5	39.70	16.21	−17	51.15	0.10	+3	97	83
	17	−12	8	11.8	39.84	16.18	−20	51.10	0.08	0	97	83
	18	−12	9	10.3	39.97	16.15	−20	51.04	0.06	−4	98	83
	19	−10	+ 9	9.1	+40.11	+16.12	−17	50.99	+0.03	−6	98	83
	20	− 7	9	7.9	40.25	16.09	−11	50.95	+0.01	−8	98	83
	21	− 2	8	6.7	40.39	16.07	− 4	50.92	−0.01	−8	98	83
	22	+ 2	7	5.2	40.52	16.04	+ 3	50.91	0.04	−7	98	84
	23	+ 6	5	3.2	40.66	16.02	+ 9	50.91	0.06	−4	99	84
	24	+ 7	5	0.2	40.80	16.00	+12	50.92	0.09	0	99	84
	25	+ 7	+ 6	21.2	+40.94	+15.98	+11	50.94	−0.11	+4	99	84
	26	+ 4	8	19.2	41.07	15.96	+ 6	50.95	0.14	+7	99	84
	27	− 1	9	17.7	41.21	15.94	− 2	50.94	0.17	+9	99	84
	28	− 7	10	16.3	41.35	15.92	−11	50.91	0.19	+9	100	84
	29	−11	10	14.8	41.49	15.90	−18	50.85	0.22	+7	100	84
	30	−13	9	12.9	41.63	15.89	−22	50.78	0.25	+2	100	85
	31	−12	+ 8	10.8	+41.76	+15.88	−20	50.71	−0.27	−2	100	85
Nov.	1	− 8	8	8.5	41.90	15.87	−13	50.64	0.30	−7	100	85
	2	− 1	9	6.4	42.04	15.86	− 2	50.58	0.33	−9	101	85
	3	+ 6	10	4.5	42.18	15.85	+10	50.55	0.36	−9	101	85
	4	+13	11	2.9	42.31	15.84	+21	50.54	0.38	−8	101	85
	5	+17	12	1.4	42.45	15.84	+28	50.55	0.41	−4	101	85
	6	+18	+12	0.0	+42.59	+15.84	+30	50.56	−0.44	0	102	85
	7	+16	11	22.5	42.73	15.84	+27	50.57	0.47	+4	102	86
	8	+12	11	21.2	42.86	15.84	+20	50.57	0.50	+7	102	86
	9	+ 6	10	19.7	43.00	15.84	+11	50.56	0.52	+9	102	86
	10	0	8	18.1	43.14	15.84	+ 1	50.52	0.55	+8	103	86
	11	− 5	7	16.3	43.28	15.85	− 8	50.48	0.58	+7	103	86
	12	− 9	+ 7	14.2	+43.41	+15.85	−15	50.42	−0.61	+4	103	86
	13	−11	7	12.3	43.55	15.86	−19	50.36	0.64	0	103	86
	14	−12	8	10.6	43.69	15.87	−19	50.29	0.66	−3	104	87
	15	−10	9	9.3	43.83	15.88	−17	50.24	0.69	−6	104	87
	16	− 7	9	8.1	43.97	15.89	−12	50.19	0.72	−8	104	87
	17	− 3	9	6.9	44.10	15.91	− 5	50.15	0.75	−9	104	87
	18	+ 1	+ 8	5.5	+44.24	+15.92	+ 2	50.13	−0.77	−8	105	87
	19	+ 5	6	3.7	44.38	15.94	+ 9	50.13	0.80	−5	105	87
	20	+ 7	5	1.1	44.52	15.96	+12	50.14	0.83	−1	105	87
	21	+ 8	6	22.1	44.65	15.98	+12	50.15	0.85	+3	106	87
	22	+ 5	7	19.8	44.79	16.00	+ 8	50.16	0.88	+6	106	87
	23	0	+ 9	18.1	+44.93	+16.03	+ 1	50.16	−0.91	+9	106	88

Tag		Sternzeit Greenw.	t	f	log g	G	log h	H	log i	i
		0h Welt-Zeit								
1936		h	s	s		h m		h m		"
Nov.	23	4.1	0.8938	+3.727	1.3858	0 8.5	1.3026	1 49.6	0.6028	+4.007
	24	4.2	0.8966	3.737	1.3870	0 8.7	1.3032	1 45.7	0.5889	3.881
	25	4.3	0.8993	3.747	1.3882	0 9.0	1.3037	1 41.9	0.5744	3.753
	26	4.3	0.9021	3.757	1.3894	0 9.2	1.3042	1 38.0	0.5593	3.625
	27	4.4	0.9048	3.767	1.3905	0 9.4	1.3047	1 34.2	0.5436	3.496
	28	4.4	0.9075	3.778	1.3917	0 9.6	1.3052	1 30.4	0.5270	3.365
	29	4.5	0.9103	+3.788	1.3929	0 9.7	1.3056	1 26.6	0.5096	+3.233
	30	4.6	0.9130	3.798	1.3941	0 9.9	1.3061	1 22.8	0.4915	3.101
Dez.	1	4.6	0.9157	3.809	1.3954	0 10.1	1.3065	1 19.0	0.4723	2.967
	2	4.7	0.9185	3.819	1.3966	0 10.3	1.3069	1 15.2	0.4521	2.832
	3	4.8	0.9212	3.830	1.3978	0 10.5	1.3073	1 11.4	0.4307	2.696
	4	4.8	0.9240	3.841	1.3990	0 10.6	1.3077	1 7.6	0.4082	2.560
	5	4.9	0.9267	+3.851	1.4003	0 10.8	1.3080	1 3.8	0.3844	+2.423
	6	5.0	0.9294	3.862	1.4015	0 10.9	1.3084	1 0.0	0.3589	2.285
	7	5.0	0.9322	3.873	1.4027	0 11.1	1.3087	0 56.2	0.3316	2.146
	8	5.1	0.9349	3.884	1.4039	0 11.2	1.3090	0 52.5	0.3023	2.006
	9	5.2	0.9376	3.895	1.4051	0 11.3	1.3093	0 48.7	0.2709	1.866
	10	5.2	0.9404	3.906	1.4064	0 11.5	1.3096	0 45.0	0.2368	1.725
	11	5.3	0.9431	+3.917	1.4076	0 11.6	1.3098	0 41.2	0.1998	+1.584
	12	5.4	0.9459	3.928	1.4088	0 11.7	1.3100	0 37.5	0.1587	1.441
	13	5.4	0.9486	3.939	1.4101	0 11.8	1.3102	0 33.7	0.1133	1.298
	14	5.5	0.9513	3.950	1.4113	0 11.9	1.3104	0 30.0	0.0626	1.155
	15	5.6	0.9541	3.961	1.4126	0 12.0	1.3106	0 26.2	0.0052	1.012
	16	5.6	0.9568	3.972	1.4138	0 12.0	1.3107	0 22.5	9.9390	0.869
	17	5.7	0.9595	+3.984	1.4150	0 12.1	1.3108	0 18.7	9.8603	+0.725
	18	5.8	0.9623	3.995	1.4163	0 12.2	1.3109	0 15.0	9.7642	0.581
	19	5.8	0.9650	4.006	1.4175	0 12.3	1.3110	0 11.3	9.6395	0.436
	20	5.9	0.9678	4.017	1.4187	0 12.3	1.3111	0 7.5	9.4639	0.291
	21	6.0	0.9705	4.029	1.4200	0 12.4	1.3111	0 3.8	9.1644	0.146
	22	6.0	0.9732	4.040	1.4212	0 12.4	1.3111	0 0.0	7.3010	+0.002
	23	6.1	0.9760	+4.051	1.4224	0 12.4	1.3111	23 56.3	9.1553n	−0.143
	24	6.2	0.9787	4.062	1.4236	0 12.5	1.3111	23 52.6	9.4594n	0.288
	25	6.2	0.9815	4.074	1.4248	0 12.5	1.3110	23 48.8	9.6365n	0.433
	26	6.3	0.9842	4.085	1.4260	0 12.5	1.3109	23 45.1	9.7612n	0.577
	27	6.4	0.9869	4.096	1.4272	0 12.5	1.3109	23 41.3	9.8579n	0.721
	28	6.4	0.9897	4.107	1.4284	0 12.6	1.3107	23 37.6	9.9370n	0.865
	29	6.5	0.9924	+4.119	1.4296	0 12.6	1.3106	23 33.8	0.0039n	−1.009
	30	6.6	0.9951	4.130	1.4307	0 12.6	1.3104	23 30.1	0.0618n	1.153
	31	6.6	0.9979	4.141	1.4319	0 12.5	1.3102	23 26.3	0.1129n	1.297
	32	6.7	1.0006	+4.152	1.4331	0 12.5	1.3100	23 22.6	0.1584n	−1.440

Tag	0h Welt-Zeit										
	f'	g'	G'	Allgemeine Präzession seit 1936.0	$\Delta\psi$	$\Delta\psi'$	Wahre Schiefe	$\Delta\varepsilon$	$\Delta\varepsilon'$	j	k
1936	in 0.001 s	in 0.01"	h	"	"	in 0.01"	23°26' "	"	in 0.01"	in 0.001	
Nov. 23	0	+ 9	18.1	+44.93	+16.03	+ 1	50.16	−0.91	+ 9	106	88
24	− 5	10	16.6	45.07	16.05	− 9	50.14	0.93	+ 9	106	88
25	−11	10	15.1	45.20	16.08	−17	50.09	0.96	+ 7	107	88
26	−14	10	13.5	45.34	16.11	−23	50.03	0.98	+ 4	107	88
27	−14	9	11.7	45.48	16.13	−23	49.96	1.00	− 1	107	88
28	−11	9	9.5	45.62	16.16	−18	49.89	1.03	− 5	108	88
29	− 5	+ 9	7.4	+45.75	+16.20	− 8	49.83	−1.05	− 8	108	88
30	+ 2	10	5.4	45.89	16.23	+ 4	49.80	1.07	−10	108	88
Dez. 1	+ 9	11	3.6	46.03	16.26	+16	49.78	1.10	− 9	108	88
2	+15	11	2.0	46.17	16.30	+25	49.79	1.12	− 6	109	88
3	+18	12	0.4	46.30	16.33	+29	49.81	1.14	− 1	109	89
4	+17	12	23.0	46.44	16.37	+28	49.83	1.16	+ 3	109	89
5	+14	+11	21.6	+46.58	+16.41	+23	49.85	−1.18	+ 6	110	89
6	+ 9	10	20.3	46.72	16.45	+14	49.84	1.20	+ 8	110	89
7	+ 3	9	18.7	46.86	16.49	+ 4	49.83	1.22	+ 9	110	89
8	− 3	8	17.0	46.99	16.53	− 5	49.79	1.24	+ 7	111	89
9	− 7	7	15.0	47.13	16.57	−12	49.75	1.26	+ 5	111	89
10	−10	7	12.8	47.27	16.61	−17	49.70	1.27	+ 1	111	89
11	−11	+ 8	11.0	+47.41	+16.65	−19	49.64	−1.29	− 2	112	89
12	−10	8	9.6	47.54	16.70	−17	49.60	1.31	− 5	112	89
13	− 8	9	8.3	47.68	16.74	−13	49.56	1.32	− 7	112	89
14	− 4	9	7.1	47.82	16.78	− 6	49.53	1.34	− 8	113	89
15	+ 1	8	5.8	47.96	16.83	+ 1	49.52	1.35	− 8	113	89
16	+ 5	7	4.1	48.09	16.88	+ 8	49.53	1.36	− 6	113	89
17	+ 8	+ 6	1.8	+48.23	+16.92	+13	49.54	−1.38	− 3	113	89
18	+ 8	6	23.1	48.37	16.97	+14	49.57	1.39	+ 1	114	89
19	+ 7	7	20.7	48.51	17.01	+11	49.60	1.40	+ 5	114	89
20	+ 3	8	18.8	48.64	17.06	+ 4	49.61	1.41	+ 8	114	89
21	− 3	9	17.2	48.78	17.11	− 5	49.61	1.42	+ 9	115	89
22	− 8	10	15.7	48.92	17.15	−14	49.59	1.43	+ 8	115	89
23	−13	+10	14.1	+49.06	+17.20	−21	49.55	−1.44	+ 5	115	89
24	−14	9	12.3	49.19	17.25	−24	49.50	1.44	+ 1	116	89
25	−13	9	10.3	49.33	17.29	−21	49.45	1.45	− 4	116	89
26	− 8	9	8.3	49.47	17.34	−13	49.40	1.46	− 8	116	89
27	− 1	9	6.3	49.61	17.39	− 2	49.37	1.46	− 9	117	89
28	+ 6	10	4.4	49.75	17.43	+10	49.37	1.47	− 9	117	89
29	+12	+10	2.6	+49.88	+17.48	+20	49.39	−1.47	− 7	117	89
30	+16	11	1.0	50.02	17.52	+26	49.43	1.48	− 3	118	89
31	+17	11	23.4	50.16	17.57	+28	49.47	1.48	+ 2	118	89
32	+15	+11	22.0	+50.30	+17.61	+24	49.50	−1.48	+ 6	118	89

Reduktionsgrößen 1936

für 12^h Sternzeit Greenwich

Welt-Zeit	t	A		A′	B		B′	C		D	
1936	s			in 0.00001	"		in 0.001	"		"	
Jan. 0.226	−0.0036	+0.33541	372	+100	−1.606	1	− 99	− 2.813	330	+20.239	58
1.223	−0.0008	0.33913	371	−101	1.605	1	− 96	3.143	328	20.181	64
2.220	+0.0019	0.34284	370	−278	1.604	1	− 71	3.471	327	20.117	70
3.218	0.0046	0.34654	368	−377	1.603	1	− 29	3.798	325	20.047	77
4.215	0.0073	0.35022	367	−376	1.602	0	+ 21	4.123	325	19.970	83
5.212	0.0101	0.35389	365	−272	1.602	1	+ 65	4.448	323	19.887	89
6.209	0.0128	+0.35754	363	− 92	−1.603	2	+ 93	− 4.771	321	+19.798	95
7.207	0.0155	0.36117	362	+123	1.605	2	+100	5.092	320	19.703	101
8.204	0.0183	0.36479	360	+318	1.607	3	+ 85	5.412	318	19.602	108
9.201	0.0210	0.36839	358	+457	1.610	4	+ 54	5.730	317	19.494	114
10.198	0.0237	0.37197	357	+510	1.614	4	+ 13	6.047	314	19.380	120
11.196	0.0265	0.37554	355	+476	1.618	4	− 28	6.361	312	19.260	126
12.193	0.0292	+0.37909	352	+366	−1.622	5	− 62	− 6.673	311	+19.134	132
13.190	0.0319	0.38261	350	+201	1.627	6	− 83	6.984	308	19.002	138
14.188	0.0346	0.38611	348	+ 10	1.633	6	− 88	7.292	306	18.864	143
15.185	0.0374	0.38959	345	−181	1.639	6	− 80	7.598	303	18.721	150
16.182	0.0401	0.39304	342	−344	1.645	7	− 58	7.901	300	18.571	156
17.179	0.0428	0.39646	339	−458	1.652	7	− 26	8.201	298	18.415	161
18.177	0.0456	+0.39985	338	−504	−1.659	8	+ 11	− 8.499	296	+18.254	167
19.174	0.0483	0.40323	335	−471	1.667	8	+ 48	8.795	292	18.087	173
20.171	0.0510	0.40658	332	−366	1.675	9	+ 77	9.087	289	17.914	179
21.168	0.0538	0.40990	330	−195	1.684	9	+ 92	9.376	287	17.735	184
22.166	0.0565	0.41320	327	+ 4	1.693	9	+ 88	9.663	284	17.551	189
23.163	0.0592	0.41647	323	+194	1.702	9	+ 65	9.947	281	17.362	194
24.160	0.0620	+0.41970	320	+330	−1.711	10	+ 28	−10.228	277	+17.168	200
25.158	0.0647	0.42290	317	+377	1.721	10	− 19	10.505	274	16.968	205
26.155	0.0674	0.42607	314	+327	1.731	10	− 63	10.779	270	16.763	211
27.152	0.0701	0.42921	311	+188	1.741	11	− 91	11.049	267	16.552	215
28.149	0.0729	0.43232	308	0	1.752	11	−100	11.316	263	16.337	221
29.147	0.0756	0.43540	305	−188	1.763	11	− 83	11.579	260	16.116	226
30.144	0.0783	+0.43845	302	−319	−1.774	11	− 48	−11.839	255	+15.890	230
31.141	0.0811	0.44147	298	−359	1.785	11	+ 1	12.094	252	15.660	236
Febr. 1.138	0.0838	0.44445	295	−297	1.796	11	+ 47	12.346	248	15.424	240
2.136	0.0865	0.44740	293	−147	1.807	12	+ 83	12.594	244	15.184	245
3.133	0.0893	0.45033	289	+ 58	1.819	11	+100	12.838	240	14.939	249
4.130	0.0920	0.45322	285	+261	1.830	11	+ 93	13.078	236	14.690	253
5.128	0.0947	+0.45607	282	+421	−1.841	12	+ 68	−13.314	232	+14.437	259
6.125	0.0974	0.45889	280	+508	1.853	11	+ 29	13.546	228	14.178	263
7.122	0.1002	0.46169	276	+503	1.864	12	− 13	13.774	222	13.915	266
8.119	0.1029	0.46445	273	+419	1.876	11	− 50	13.996	218	13.649	271
9.117	0.1056	0.46718	269	+269	1.887	11	− 77	14.214	214	13.378	276
10.114	0.1084	+0.46987		+ 83	−1.898		− 88	−14.428		+13.102	

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Welt-Zeit	t	A		A′	B		B′	C		D	
1936	s			in 0.00001	"		in 0.001	"		"	
Febr. 10.114	0.1084	+0.46987	267	+ 83	−1.898	11	−88	−14.428	210	+13.102	279
11.111	0.1111	0.47254	264	−110	1.909	11	−85	14.638	205	12.823	283
12.108	0.1138	0.47518	259	−289	1.920	11	−68	14.843	200	12.540	287
13.106	0.1166	0.47777	257	−421	1.931	10	−38	15.043	195	12.253	290
14.103	0.1193	0.48034	255	−496	1.941	10	− 3	15.238	191	11.963	294
15.100	0.1220	0.48289	251	−501	1.951	10	+35	15.429	186	11.669	297
16.097	0.1248	+0.48540	248	−428	−1.961	10	+67	−15.615	181	+11.372	301
17.095	0.1275	0.48788	244	−289	1.971	9	+87	15.796	176	11.071	304
18.092	0.1302	0.49032	242	−105	1.980	9	+92	15.972	170	10.767	308
19.089	0.1329	0.49274	239	+ 90	1.989	9	+77	16.142	166	10.459	310
20.087	0.1357	0.49513	236	+246	1.998	8	+44	16.308	161	10.149	313
21.084	0.1384	0.49749	233	+331	2.006	8	0	16.469	156	9.836	317
22.081	0.1411	+0.49982	231	+326	−2.014	8	−46	−16.625	150	+ 9.519	319
23.078	0.1439	0.50213	228	+228	2.022	7	−80	16.775	146	9.200	321
24.076	0.1466	0.50441	225	+ 64	2.029	7	−98	16.921	140	8.879	324
25.073	0.1493	0.50666	223	−120	2.036	7	−92	17.061	134	8.555	327
26.070	0.1521	0.50889	222	−270	2.043	6	−64	17.195	130	8.228	330
27.067	0.1548	0.51111	219	−340	2.049	5	−20	17.325	125	7.898	331
28.065	0.1575	+0.51330	217	−313	−2.054	5	+29	−17.450	118	+ 7.567	333
29.062	0.1602	0.51547	215	−187	2.059	5	+70	17.568	113	7.234	336
März 1.059	0.1630	0.51762	212	− 1	2.064	4	+94	17.681	108	6.898	337
2.057	0.1657	0.51974	210	+212	2.068	3	+97	17.789	102	6.561	340
3.054	0.1684	0.52184	209	+393	2.071	3	+79	17.891	97	6.221	341
4.051	0.1712	0.52393	207	+510	2.074	2	+45	17.988	91	5.880	342
5.048	0.1739	+0.52600	205	+537	−2.076	2	+ 4	−18.079	86	+ 5.538	344
6.046	0.1766	0.52805	203	+480	2.078	1	−36	18.165	80	5.194	346
7.043	0.1794	0.53008	202	+348	2.079	1	−69	18.245	75	4.848	347
8.040	0.1821	0.53210	201	+171	2.080	0	−86	18.320	69	4.501	348
9.037	0.1848	0.53411	199	− 25	2.080	1	−87	18.389	63	4.153	349
10.035	0.1876	0.53610	198	−210	2.079	1	−76	18.452	58	3.804	350
11.032	0.1903	+0.53808	197	−364	−2.078	2	−50	−18.510	53	+ 3.454	351
12.029	0.1930	0.54005	196	−463	2.076	3	−17	18.563	47	3.103	352
13.026	0.1957	0.54201	194	−497	2.073	3	+19	18.610	40	2.751	352
14.024	0.1985	0.54395	194	−458	2.070	4	+54	18.650	35	2.399	353
15.021	0.2012	0.54589	194	−349	2.066	4	+79	18.685	30	2.046	353
16.018	0.2039	0.54783	193	−190	2.062	5	+90	18.715	24	1.693	354
17.016	0.2067	+0.54976	193	− 7	−2.057	6	+83	−18.739	18	+ 1.339	353
18.013	0.2094	0.55169	192	+162	2.051	7	+58	18.757	13	0.986	354
19.010	0.2121	0.55361	192	+271	2.044	7	+18	18.770	8	0.632	354
20.007	0.2149	0.55553	192	+300	2.037	8	−27	18.778	2	+ 0.278	354
21.005	0.2176	0.55745	192	+235	2.029	8	−67	18.780	−4	− 0.076	354
22.002	0.2203	+0.55937		+ 95	−2.021		−93	−18.776		− 0.430	

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Welt-Zeit	t	A	Δ	A′	B	Δ	B′	C	Δ	D	Δ
1936	s			in 0.00001	″		in 0.″001	″		″	
März 22.002	0.2203	+0.55937	192	+ 95	−2.021	9	−93	−18.776	10	− 0.430	353
22.999	0.2230	0.56129	192	− 79	2.012	10	−97	18.766	15	0.783	353
23.996	0.2258	0.56321	192	−244	2.002	11	−77	18.751	21	1.136	352
24.994	0.2285	0.56513	193	−343	1.991	11	−40	18.730	27	1.488	351
25.991	0.2312	0.56706	193	−349	1.980	12	+ 9	18.703	32	1.839	351
26.988	0.2340	0.56899	194	−254	1.968	13	+56	18.671	37	2.190	350
27.986	0.2367	+0.57093	195	− 74	−1.955	13	+87	−18.634	43	− 2.540	349
28.983	0.2394	0.57288	195	+142	1.942	14	+99	18.591	48	2.889	348
29.980	0.2422	0.57483	196	+347	1.928	14	+89	18.543	54	3.237	347
30.977	0.2449	0.57679	197	+496	1.914	15	+60	18.489	59	3.584	346
31.975	0.2476	0.57876	198	+564	1.899	16	+19	18.430	65	3.930	344
April 1.972	0.2504	0.58074	199	+537	1.883	16	−23	18.365	69	4.274	343
2.969	0.2531	+0.58273	200	+430	−1.867	17	−57	−18.296	75	− 4.617	341
3.966	0.2558	0.58473	202	+265	1.850	17	−81	18.221	81	4.958	339
4.964	0.2585	0.58675	203	+ 71	1.833	18	−88	18.140	86	5.297	338
5.961	0.2613	0.58878	205	−121	1.815	18	−81	18.054	92	5.635	336
6.958	0.2640	0.59083	207	−288	1.797	19	−59	17.962	96	5.971	334
7.955	0.2667	0.59290	208	−409	1.778	20	−29	17.866	101	6.305	332
8.953	0.2695	+0.59498	210	−468	−1.758	20	+ 6	−17.765	107	− 6.637	330
9.950	0.2722	0.59708	212	−455	1.738	20	+42	17.658	111	6.967	328
10.947	0.2749	0.59920	214	−377	1.718	21	+71	17.547	117	7.295	325
11.945	0.2777	0.60134	215	−238	1.697	21	+87	17.430	121	7.620	322
12.942	0.2804	0.60349	217	− 68	1.676	22	+88	17.309	127	7.942	321
13.939	0.2831	0.60566	220	+102	1.654	23	+70	17.182	132	8.263	318
14.936	0.2858	+0.60786	222	+227	−1.631	22	+36	−17.050	137	− 8.581	315
15.934	0.2886	0.61008	224	+280	1.609	23	− 8	16.913	141	8.896	313
16.931	0.2913	0.61232	226	+246	1.586	24	−52	16.772	146	9.209	309
17.928	0.2940	0.61458	229	+125	1.562	24	−84	16.626	151	9.518	307
18.925	0.2968	0.61687	231	− 45	1.538	24	−98	16.475	155	9.825	303
19.923	0.2995	0.61918	233	−223	1.514	25	−88	16.320	161	10.128	301
20.920	0.3022	+0.62151	236	−355	−1.489	24	−56	−16.159	165	−10.429	297
21.917	0.3050	0.62387	239	−395	1.465	25	−10	15.994	169	10.726	295
22.915	0.3077	0.62626	241	−337	1.440	25	+38	15.825	173	11.021	292
23.912	0.3104	0.62867	244	−181	1.415	26	+76	15.652	178	11.313	287
24.909	0.3132	0.63111	246	+ 36	1.389	26	+96	15.474	183	11.600	284
25.906	0.3159	0.63357	249	+261	1.363	26	+96	15.291	186	11.884	280
26.904	0.3186	+0.63606	252	+448	−1.337	26	+73	−15.105	191	−12.164	277
27.901	0.3213	0.63858	254	+558	1.311	26	+36	14.914	196	12.441	273
28.898	0.3241	0.64112	257	+573	1.285	26	− 7	14.718	199	12.714	269
29.895	0.3268	0.64369	259	+498	1.259	27	−45	14.519	204	12.983	266
30.893	0.3295	0.64628	262	+352	1.232	26	−75	14.315	207	13.249	261
Mai 1.890	0.3323	+0.64890		+165	−1.206		−87	−14.108		−13.510	

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Welt-Zeit		t	A	Diff.	A′	B	Diff.	B′	C	Diff.	D	Diff.
1936		s			in 0.00001	″		in 0.001 ″	″		″	
Mai	1.890	0.3323	+0.64890	265	+165	−1.206	26	−87	−14.108	211	−13.510	257
	2.887	0.3350	0.65155	268	− 32	1.180	27	−86	13.897	214	13.767	254
	3.884	0.3377	0.65423	271	−211	1.153	27	−69	13.683	219	14.021	250
	4.882	0.3405	0.65694	273	−348	1.126	27	−43	13.464	223	14.271	245
	5.879	0.3432	0.65967	276	−428	1.099	27	− 7	13.241	226	14.516	241
	6.876	0.3459	0.66243	279	−439	1.072	27	+29	13.015	230	14.757	237
	7.874	0.3486	+0.66522	281	−386	−1.045	26	+60	−12.785	233	−14.994	232
	8.871	0.3514	0.66803	284	−268	1.019	27	+83	12.552	237	15.226	228
	9.868	0.3541	0.67087	288	−109	0.992	27	+90	12.315	240	15.454	224
	10.865	0.3568	0.67375	290	+ 60	0.965	26	+79	12.075	244	15.678	219
	11.863	0.3596	0.67665	292	+204	0.939	26	+49	11.831	246	15.897	214
	12.860	0.3623	0.67957	295	+284	0.913	26	+ 8	11.585	250	16.111	210
	13.857	0.3650	+0.68252	298	+275	−0.887	26	−35	−11.335	253	−16.321	205
	14.854	0.3678	0.68550	301	+180	0.861	26	−72	11.082	256	16.526	200
	15.852	0.3705	0.68851	303	+ 16	0.835	26	−94	10.826	258	16.726	195
	16.849	0.3732	0.69154	305	−173	0.809	25	−93	10.568	262	16.921	191
	17.846	0.3760	0.69459	308	−336	0.784	25	−71	10.306	265	17.112	186
	18.844	0.3787	0.69767	310	−425	0.759	25	−30	10.041	267	17.298	181
	19.841	0.3814	+0.70077	312	−410	−0.734	24	+19	− 9.774	270	−17.479	176
	20.838	0.3841	0.70389	315	−289	0.710	24	+62	9.504	272	17.655	171
	21.835	0.3869	0.70704	317	− 93	0.686	24	+90	9.232	275	17.826	166
	22.833	0.3896	0.71021	319	+143	0.662	24	+98	8.957	278	17.992	161
	23.830	0.3923	0.71340	322	+357	0.638	23	+83	8.679	280	18.153	155
	24.827	0.3951	0.71662	324	+508	0.615	23	+51	8.399	281	18.308	150
	25.824	0.3978	+0.71986	326	+568	−0.592	23	+10	− 8.118	283	−18.458	145
	26.822	0.4005	0.72312	328	+535	0.569	23	−30	7.835	286	18.603	141
	27.819	0.4033	0.72640	330	+418	0.546	22	−65	7.549	289	18.744	135
	28.816	0.4060	0.72970	332	+244	0.524	21	−84	7.260	290	18.879	129
	29.814	0.4087	0.73302	333	+ 49	0.503	21	−88	6.970	292	19.008	124
	30.811	0.4114	0.73635	335	−137	0.482	20	−77	6.678	294	19.132	119
	31.808	0.4142	+0.73970	337	−293	−0.462	19	−52	− 6.384	295	−19.251	113
Juni	1.805	0.4169	0.74307	339	−393	0.443	19	−20	6.089	297	19.364	108
	2.803	0.4196	0.74646	340	−432	0.424	19	+16	5.792	298	19.472	102
	3.800	0.4224	0.74986	342	−397	0.405	19	+49	5.494	300	19.574	97
	4.797	0.4251	0.75328	343	−301	0.386	18	+75	5.194	301	19.671	92
	5.794	0.4278	0.75671	344	−154	0.368	17	+88	4.893	303	19.763	86
	6.792	0.4306	+0.76015	345	+ 16	−0.351	17	+84	− 4.590	304	−19.849	81
	7.789	0.4333	0.76360	347	+176	0.334	16	+61	4.286	305	19.930	75
	8.786	0.4360	0.76707	348	+286	0.318	16	+27	3.981	306	20.005	70
	9.783	0.4388	0.77055	349	+316	0.302	15	−17	3.675	307	20.075	63
	10.781	0.4415	0.77404	349	+254	0.287	15	−59	3.368	308	20.138	58
	11.778	0.4442	+0.77753		+108	−0.272		−87	− 3.060		−20.196	

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Welt-Zeit	*t*	*A*		*A′*	*B*		*B′*	*C*		*D*	
1936	h			in 0.00001	"		in 0.001	"		"	
Juni 11.778	0.4442	+0.77753	350	+108	−0.272	14	−87	−3.060	308	−20.196	53
12.775	0.4469	0.78103	352	− 82	0.258	14	−97	2.752	309	20.249	47
13.773	0.4497	0.78455	352	−269	0.244	13	−83	2.443	310	20.296	42
14.770	0.4524	0.78807	352	−401	0.231	12	−47	2.133	310	20.338	36
15.767	0.4551	0.79159	353	−440	0.219	12	− 1	1.823	311	20.374	30
16.764	0.4579	0.79512	354	−370	0.207	11	+46	1.512	311	20.404	25
17.762	0.4606	+0.79866	353	−206	−0.196	11	+82	−1.201	312	−20.429	18
18.759	0.4633	0.80219	354	+ 17	0.185	10	+98	0.889	311	20.447	13
19.756	0.4661	0.80573	353	+246	0.175	9	+92	0.578	312	20.460	8
20.753	0.4688	0.80926	354	+427	0.166	9	+67	−0.266	312	20.468	2
21.751	0.4715	0.81280	354	+532	0.157	8	+26	+0.046	312	20.470	— 4
22.748	0.4742	0.81634	354	+539	0.149	8	−17	0.358	311	20.466	9
23.745	0.4770	+0.81988	354	+456	−0.141	7	−54	+0.669	312	−20.457	14
24.743	0.4797	0.82342	353	+304	0.134	7	−79	0.981	311	20.443	21
25.740	0.4824	0.82695	353	+117	0.127	6	−87	1.292	311	20.422	27
26.737	0.4852	0.83048	353	− 73	0.121	6	−82	1.603	310	20.395	31
27.734	0.4879	0.83401	352	−242	0.115	5	−62	1.913	310	20.364	37
28.732	0.4906	0.83753	351	−363	0.110	4	−32	2.223	309	20.327	43
29.729	0.4934	+0.84104	350	−423	−0.106	3	+ 3	+2.532	309	−20.284	49
30.726	0.4961	0.84454	350	−418	0.103	3	+37	2.841	307	20.235	54
Juli 1.723	0.4988	0.84804	349	−346	0.100	2	+66	3.148	307	20.181	60
2.721	0.5016	0.85153	347	−215	0.098	2	+83	3.455	305	20.121	66
3.718	0.5043	0.85500	346	− 49	0.096	1	+87	3.760	305	20.055	70
4.715	0.5070	0.85846	346	+124	0.095	1	+72	4.065	304	19.985	76
5.712	0.5097	+0.86192	345	+260	−0.094	0	+43	+4.369	302	−19.909	82
6.710	0.5125	0.86537	343	+329	0.094	1	0	4.671	302	19.827	88
7.707	0.5152	0.86880	342	+312	0.093	— 1	−43	4.973	299	19.739	92
8.704	0.5179	0.87222	340	+203	0.094	1	−77	5.272	299	19.647	98
9.702	0.5207	0.87562	338	+ 30	0.095	2	−95	5.571	297	19.549	104
10.699	0.5234	0.87900	337	−165	0.097	2	−91	5.868	295	19.445	109
11.696	0.5261	+0.88237	335	−330	−0.099	3	−63	+6.163	293	−19.336	114
12.693	0.5289	0.88572	334	−415	0.102	3	−21	6.456	292	19.222	120
13.691	0.5316	0.88906	332	−396	0.105	3	+27	6.748	290	19.102	125
14.688	0.5343	0.89238	330	−275	0.108	4	+68	7.038	288	18.977	129
15.685	0.5370	0.89568	328	− 79	0.112	5	+94	7.326	286	18.848	135
16.682	0.5398	0.89896	326	+147	0.117	5	+96	7.612	284	18.713	140
17.680	0.5425	+0.90222	324	+349	−0.122	5	+79	+7.896	282	−18.573	146
18.677	0.5452	0.90546	322	+484	0.127	6	+43	8.178	280	18.427	151
19.674	0.5480	0.90868	320	+530	0.133	6	+ 1	8.458	277	18.276	156
20.672	0.5507	0.91188	317	+481	0.139	6	−40	8.735	275	18.120	160
21.669	0.5534	0.91505	315	+354	0.145	6	−72	9.010	273	17.960	166
22.666	0.5562	+0.91820		+180	−0.151		−86	+9.283		−17.794	

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Welt-Zeit	t	A		A'	B		B'	C		D	
1936	s			in 0.00001	"		in 0.001 "	"		"	
Juli 22.666	0.5562	+0.91820	312	+180	−0.151	7	−86	+ 9.283	270	−17.794	170
23.663	0.5589	0.92132	310	− 11	0.158	7	−87	9.553	267	17.624	175
24.661	0.5616	0.92442	309	−190	0.165	8	−70	9.820	265	17.449	181
25.658	0.5644	0.92751	306	−328	0.173	8	−43	10.085	263	17.268	185
26.655	0.5671	0.93057	303	−417	0.181	9	−10	10.348	259	17.083	190
27.652	0.5698	0.93360	300	−438	0.190	8	+25	10.607	256	16.893	195
28.650	0.5725	+0.93660	298	−392	−0.198	9	+56	+10.863	253	−16.698	199
29.647	0.5753	0.93958	295	−285	0.207	8	+79	11.116	250	16.499	204
30.644	0.5780	0.94253	293	−132	0.215	9	+87	11.366	248	16.295	209
31.641	0.5807	0.94546	290	+ 39	0.224	9	+79	11.614	244	16.086	213
Aug. 1.639	0.5835	0.94836	287	+196	0.233	9	+55	11.858	241	15.873	217
2.636	0.5862	0.95123	285	+299	0.242	9	+17	12.099	238	15.656	222
3.633	0.5889	+0.95408	282	+324	−0.251	10	−25	+12.337	234	−15.434	226
4.631	0.5917	0.95690	279	+258	0.261	9	−64	12.571	231	15.208	231
5.628	0.5944	0.95969	277	+115	0.270	10	−89	12.802	227	14.977	235
6.625	0.5971	0.96246	273	− 67	0.280	9	−94	13.029	224	14.742	239
7.622	0.5998	0.96519	271	−244	0.289	10	−75	13.253	221	14.503	244
8.620	0.6026	0.96790	268	−362	0.299	9	−40	13.474	216	14.259	247
9.617	0.6053	+0.97058	266	−386	−0.308	10	+ 8	+13.690	213	−14.012	251
10.614	0.6080	0.97324	263	−307	0.318	9	+52	13.903	209	13.761	255
11.611	0.6108	0.97587	259	−140	0.327	10	+85	14.112	204	13.506	259
12.609	0.6135	0.97846	257	+ 76	0.337	9	+97	14.316	201	13.247	263
13.606	0.6162	0.98103	255	+288	0.346	10	+88	14.517	198	12.984	266
14.603	0.6190	0.98358	252	+450	0.356	9	+58	14.715	193	12.718	269
15.601	0.6217	+0.98610	250	+525	−0.365	10	+17	+14.908	189	−12.449	274
16.598	0.6244	0.98860	247	+509	0.375	9	−26	15.097	185	12.175	277
17.595	0.6272	0.99107	243	+408	0.384	9	−61	15.282	181	11.898	281
18.592	0.6299	0.99350	240	+245	0.393	9	−83	15.463	176	11.617	284
19.590	0.6326	0.99590	238	+ 55	0.402	8	−88	15.639	172	11.333	287
20.587	0.6353	0.99828	236	−130	0.410	8	−78	15.811	168	11.046	291
21.584	0.6381	+1.00064	233	−285	−0.418	8	−55	+15.979	163	−10.755	294
22.581	0.6408	1.00297	231	−392	0.426	7	−24	16.142	158	10.461	297
23.579	0.6435	1.00528	228	−442	0.433	7	+10	16.300	155	10.164	299
24.576	0.6463	1.00756	226	−423	0.440	7	+44	16.455	150	9.865	302
25.573	0.6490	1.00982	224	−344	0.447	7	+70	16.605	145	9.563	306
26.570	0.6517	1.01206	222	−212	0.454	7	+85	16.750	141	9.257	309
27.568	0.6545	+1.01428	219	− 50	−0.461	6	+85	+16.891	135	− 8.948	311
28.565	0.6572	1.01647	217	+110	0.467	6	+65	17.026	131	8.637	314
29.562	0.6599	1.01864	214	+234	0.473	5	+35	17.157	126	8.323	316
30.560	0.6626	1.02078	212	+293	0.478	5	− 7	17.283	121	8.007	318
31.557	0.6654	1.02290	211	+266	0.483	4	−49	17.404	116	7.689	320
Sept. 1.554	0.6681	+1.02501		+161	−0.487		−80	+17.520		− 7.369	

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Welt-Zeit		t	A		A′	B		B′	C		D	
1936		d			in 0.00001	"		in 0."001	"		"	
Sept.	1.554	0.6681	+1.02501	209	+161	−0.487	4	−80	+17.520	111	−7.369	323
	2.551	0.6708	1.02710	207	− 3	0.491	3	−95	17.631	107	7.046	325
	3.549	0.6736	1.02917	205	−179	0.494	3	−86	17.738	102	6.721	327
	4.546	0.6763	1.03122	203	−316	0.497	2	−57	17.840	96	6.394	330
	5.543	0.6790	1.03325	201	−373	0.499	2	−12	17.936	92	6.064	331
	6.540	0.6818	1.03526	200	−331	0.501	1	+34	18.028	86	5.733	333
	7.538	0.6845	+1.03726	199	−191	−0.502	1	+73	+18.114	81	−5.400	334
	8.535	0.6872	1.03925	197	+ 14	0.503	0	+96	18.195	76	5.066	336
	9.532	0.6900	1.04122	196	+233	0.503	0	+95	18.271	71	4.730	338
	10.530	0.6927	1.04318	194	+418	0.503	0	+72	18.342	66	4.392	340
	11.527	0.6954	1.04512	193	+531	0.503	1	+35	18.408	60	4.052	340
	12.524	0.6981	1.04705	192	+548	0.502	2	− 8	18.468	55	3.712	342
	13.521	0.7009	+1.04897	191	+475	−0.500	3	−48	+18.523	50	−3.370	343
	14.519	0.7036	1.05088	191	+328	0.497	3	−77	18.573	44	3.027	344
	15.516	0.7063	1.05279	190	+140	0.494	4	−89	18.617	40	2.683	345
	16.513	0.7091	1.05469	188	− 53	0.490	4	−83	18.657	34	2.338	346
	17.510	0.7118	1.05657	188	−223	0.486	5	−65	18.691	28	1.992	346
	18.508	0.7145	1.05845	187	−350	0.481	5	−37	18.719	22	1.646	347
	19.505	0.7173	+1.06032	187	−418	−0.476	6	− 2	+18.741	18	−1.299	348
	20.502	0.7200	1.06219	186	−427	0.470	7	+31	18.759	12	0.951	348
	21.500	0.7227	1.06405	186	−374	0.463	8	+60	18.771	7	0.603	349
	22.497	0.7254	1.06591	186	−266	0.455	8	+79	18.778	1	−0.254	349
	23.494	0.7282	1.06777	186	−123	0.447	9	+86	18.779	−5	+0.095	349
	24.491	0.7309	1.06963	187	+ 32	0.438	9	+73	18.774	9	0.444	349
	25.489	0.7336	+1.07150	186	+166	−0.429	10	+48	+18.765	15	+0.793	349
	26.486	0.7364	1.07336	187	+246	0.419	10	+10	18.750	21	1.142	349
	27.483	0.7391	1.07523	187	+251	0.409	11	−32	18.729	26	1.491	349
	28.480	0.7418	1.07710	188	+171	0.398	13	−68	18.703	31	1.840	348
	29.478	0.7446	1.07898	188	+ 29	0.385	13	−90	18.672	37	2.188	348
	30.475	0.7473	1.08086	189	−142	0.372	13	−91	18.635	43	2.536	347
Okt.	1.472	0.7500	+1.08275	190	−295	−0.359	14	−70	+18.592	48	+2.883	347
	2.469	0.7528	1.08465	190	−380	0.345	15	−32	18.544	53	3.230	346
	3.467	0.7555	1.08655	191	−371	0.330	15	+15	18.491	59	3.576	345
	4.464	0.7582	1.08846	193	−260	0.315	16	+58	18.432	65	3.921	344
	5.461	0.7609	1.09039	194	− 67	0.299	16	+88	18.367	70	4.265	344
	6.459	0.7637	1.09233	195	+159	0.283	17	+98	18.297	75	4.609	342
	7.456	0.7664	+1.09428	196	+372	−0.266	17	+82	+18.222	81	+4.951	341
	8.453	0.7691	1.09624	198	+521	0.249	18	+49	18.141	86	5.292	339
	9.450	0.7719	1.09822	199	+580	0.231	19	+ 9	18.055	92	5.631	338
	10.448	0.7746	1.10021	201	+539	0.212	19	−34	17.963	97	5.969	336
	11.445	0.7773	1.10222	203	+415	0.193	20	−67	17.866	102	6.305	334
	12.442	0.7801	+1.10425		+237	−0.173		−85	+17.764		+6.639	

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Welt-Zeit	t	A		A'	B		B'	C		D	
1936	s			in 0.00001	"		in 0.001	"		"	
Okt. 12.442	0.7801	+1.10425	204	+237	−0.173	20	−85	+17.764	108	+ 6.639	333
13.439	0.7828	1.10629	206	+ 42	0.153	21	−87	17.656	113	6.972	331
14.437	0.7855	1.10835	209	−142	0.132	21	−73	17.543	118	7.303	329
15.434	0.7882	1.11044	211	−289	0.111	22	−47	17.425	124	7.632	327
16.431	0.7910	1.11255	212	−379	0.089	22	−15	17.301	129	7.959	325
17.429	0.7937	1.11467	215	−410	0.067	23	+19	17.172	134	8.284	322
18.426	0.7964	+1.11682	217	−380	−0.044	23	+51	+17.038	139	+ 8.606	320
19.423	0.7992	1.11899	220	−293	−0.021	24	+74	16.899	143	8.926	318
20.420	0.8019	1.12119	222	−165	+0.003	24	+86	16.756	149	9.244	315
21.418	0.8046	1.12341	225	− 19	0.027	24	+79	16.607	155	9.559	312
22.415	0.8074	1.12566	227	+119	0.051	25	+59	16.452	160	9.871	309
23.412	0.8101	1.12793	230	+212	0.076	25	+27	16.292	164	10.180	307
24.409	0.8128	+1.13023	232	+240	+0.101	25	−15	+16.128	169	+10.487	303
25.407	0.8156	1.13255	235	+187	0.126	26	−55	15.959	175	10.790	301
26.404	0.8183	1.13490	238	+ 61	0.152	26	−84	15.784	179	11.091	297
27.401	0.8210	1.13728	241	−109	0.178	26	−94	15.605	184	11.388	293
28.398	0.8237	1.13969	243	−279	0.204	27	−82	15.421	188	11.681	291
29.396	0.8265	1.14212	247	−397	0.231	27	−49	15.233	194	11.972	288
30.393	0.8292	+1.14459	250	−425	+0.258	28	− 3	+15.039	198	+12.260	284
31.390	0.8319	1.14709	253	−349	0.286	27	+42	14.841	203	12.544	279
Nov. 1.388	0.8347	1.14962	255	−179	0.313	28	+77	14.638	208	12.823	276
2.385	0.8374	1.15217	258	+ 49	0.341	27	+95	14.430	211	13.099	272
3.382	0.8401	1.15475	262	+283	0.368	28	+90	14.219	216	13.371	269
4.379	0.8429	1.15737	265	+471	0.396	28	+64	14.003	220	13.640	265
5.377	0.8456	+1.16002	268	+578	+0.424	28	+26	+13.783	225	+13.905	260
6.374	0.8483	1.16270	271	+581	0.452	28	−19	13.558	230	14.165	256
7.371	0.8510	1.16541	275	+490	0.480	27	−56	13.328	233	14.421	251
8.368	0.8538	1.16816	278	+332	0.507	28	−80	13.095	237	14.672	248
9.366	0.8565	1.17094	281	+138	0.535	28	−89	12.858	242	14.920	243
10.363	0.8592	1.17375	284	− 54	0.563	28	−80	12.616	246	15.163	239
11.360	0.8620	+1.17659	287	−218	+0.591	28	−57	+12.370	249	+15.402	234
12.358	0.8647	1.17946	290	−329	0.619	28	−27	12.121	253	15.636	228
13.355	0.8674	1.18236	294	−382	0.647	27	+ 8	11.868	256	15.864	224
14.352	0.8702	1.18530	297	−372	0.674	28	+40	11.612	261	16.088	220
15.349	0.8729	1.18827	300	−304	0.702	27	+65	11.351	265	16.308	215
16.347	0.8756	1.19127	303	−192	0.729	27	+81	11.086	268	16.523	209
17.344	0.8784	+1.19430	305	− 50	+0.756	27	+83	+10.818	271	+16.732	205
18.341	0.8811	1.19735	309	+ 92	0.783	27	+68	10.547	275	16.937	199
19.338	0.8838	1.20044	312	+201	0.810	26	+39	10.272	278	17.136	195
20.336	0.8865	1.20356	315	+250	0.836	27	+ 1	9.994	281	17.331	189
21.333	0.8893	1.20671	317	+223	0.863	26	−40	9.713	284	17.520	183
22.330	0.8920	+1.20988		+113	+0.889		−72	+ 9.429		+17.703	

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Welt-Zeit	t	A	Δ	A′	B	Δ	B′	C	Δ	D	Δ
1936	s			in 0.00001	"		in 0.001	"		"	
Nov. 22.330	0.8920	+1.20988	320	+113	+0.889	26	−72	+9.429	288	+17.703	178
23.327	0.8947	1.21308	323	− 50	0.915	25	−91	9.141	290	17.881	173
24.325	0.8975	1.21631	325	−233	0.940	24	−88	8.851	293	18.054	167
25.322	0.9002	1.21956	328	−385	0.964	24	−63	8.558	295	18.221	161
26.319	0.9029	1.22284	331	−459	0.988	24	−23	8.263	298	18.382	156
27.317	0.9057	1.22615	333	−433	1.012	23	+24	7.965	302	18.538	150
28.314	0.9084	+1.22948	336	−300	+1.035	23	+65	+7.663	304	+18.688	144
29.311	0.9111	1.23284	339	− 89	1.058	23	+91	7.359	305	18.832	139
30.308	0.9138	1.23623	340	+156	1.081	23	+96	7.054	308	18.971	133
Dez. 1.306	0.9166	1.23963	343	+375	1.104	22	+77	6.746	311	19.104	127
2.303	0.9193	1.24306	345	+526	1.126	21	+43	6.435	313	19.231	121
3.300	0.9220	1.24651	346	+578	1.147	21	− 1	6.122	314	19.352	115
4.297	0.9248	+1.24997	348	+534	+1.168	20	−43	+5.808	316	+19.467	109
5.295	0.9275	1.25345	351	+405	1.188	19	−72	5.492	318	19.576	102
6.292	0.9302	1.25696	352	+223	1.207	18	−88	5.174	320	19.678	96
7.289	0.9330	1.26048	354	+ 29	1.225	18	−84	4.854	322	19.774	91
8.287	0.9357	1.26402	355	−146	1.243	18	−67	4.532	323	19.865	84
9.284	0.9384	1.26757	357	−280	1.261	17	−40	4.209	324	19.949	78
10.281	0.9412	+1.27114	358	−352	+1.278	17	− 5	+3.885	326	+20.027	72
11.278	0.9439	1.27472	359	−367	1.295	16	+28	3.559	327	20.099	66
12.276	0.9466	1.27831	361	−319	1.311	15	+56	3.232	328	20.165	59
13.273	0.9493	1.28192	362	−218	1.326	14	+76	2.904	329	20.224	53
14.270	0.9521	1.28554	363	− 83	1.340	14	+83	2.575	330	20.277	47
15.267	0.9548	1.28917	364	+ 61	1.354	13	+75	2.245	330	20.324	40
16.265	0.9575	+1.29281	364	+188	+1.367	13	+52	+1.915	331	+20.364	34
17.262	0.9603	1.29645	365	+266	1.380	12	+17	1.584	332	20.398	27
18.259	0.9630	1.30010	365	+270	1.392	11	−23	1.252	333	20.425	21
19.256	0.9657	1.30375	365	+192	1.403	10	−60	0.919	332	20.446	14
20.254	0.9685	1.30740	365	+ 43	1.413	10	−85	0.587	333	20.460	8
21.251	0.9712	1.31105	366	−144	1.423	9	−91	+0.254	333	20.468	2
22.248	0.9739	+1.31471	366	−323	+1.432	8	−75	−0.079	333	+20.470	5
23.246	0.9766	1.31837	366	−443	1.440	7	−41	0.412	333	20.465	11
24.243	0.9794	1.32203	366	−469	1.447	6	+ 5	0.745	333	20.454	17
25.240	0.9821	1.32569	365	−387	1.453	6	+49	1.078	332	20.437	24
26.237	0.9848	1.32934	364	−210	1.459	5	+82	1.410	332	20.413	31
27.235	0.9876	1.33298	364	+ 22	1.464	5	+95	1.742	331	20.382	37
28.232	0.9903	+1.33662	363	+254	+1.469	4	+87	−2.073	331	+20.345	43
29.229	0.9930	1.34025	363	+442	1.473	4	+57	2.404	330	20.302	50
30.226	0.9958	1.34388	362	+542	1.477	2	+16	2.734	329	20.252	56
31.224	0.9985	1.34750	360	+539	1.479	2	−27	3.063	328	20.196	62
32.221	1.0012	1.35110	359	+444	1.481	1	−63	3.391	327	20.134	69
33.218	1.0040	1.35469	359	+285	1.482	1	−83	3.718	326	20.065	75
34.216	1.0067	+1.35828	357	+ 97	+1.483	0	−87	−4.044	325	+19.990	82
35.213	1.0094	1.36185	355	− 84	1.483	0	−75	4.369	323	19.908	88
36.210	1.0121	+1.36540		−236	+1.483		−49	−4.692		+19.820	

Übertragung mittlerer Sternörter

von dem Äquinoktium t_1 auf $t_2 = 1936.0$

t_1	$m^s(t_2 - t_1)$	$\log[n^s(t_2 - t_1)]$	$\log[n''(t_2 - t_1)]$
	m s		
1755	+9 15.909	2.383734	3.559826
1790	7 28.460	2.290377	3.466468
1800	6 57.756	2.259553	3.435644
1810	6 27.050	2.226375	3.402467
1825	5 40.989	2.171315	3.347406
1830	+5 25.634	2.151293	3.327384
1835	5 10.278	2.130303	3.306394
1840	4 54.923	2.108249	3.284340
1845	4 39.566	2.085014	3.261105
1850	4 24.209	2.060466	3.236557
1855	+4 8.853	2.034448	3.210539
1860	3 53.495	2.006772	3.182864
1865	3 38.136	1.97721	3.153303
1870	3 22.778	1.94549	3.121585
1875	3 7.419	1.91127	3.087366
1880	+2 52.059	1.87413	3.050220
1885	2 36.699	1.83351	3.009597
1890	2 21.339	1.78869	2.96478
1895	2 5.978	1.73871	2.91480
1900	1 50.616	1.68223	2.85832
1905	+1 35.254	1.61728	2.79337
1910	1 19.892	1.54089	2.71698
1915	1 4.529	1.44813	2.62422
1920	0 49.166	1.33002	2.50611
1925	0 33.802	1.16729	2.34338
1930	+0 18.438	0.90404	2.08014
1935	+0 3.073	0.12589	1.30198
1940	−0 12.292	0.72794*n*	1.90404*n*

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1936.0$, ist ferner α', δ' der genäherte Sternort für die Zeit

$$\frac{1}{2}(t_1 + t_2),$$

so ist

$$\alpha_2 = \alpha_1 + m^s(t_2 - t_1) + [n^s(t_2 - t_1)] \sin \alpha' \operatorname{tg} \delta'$$
$$\delta_2 = \delta_1 + [n''(t_2 - t_1)] \cos \alpha'$$

Übertragung mittlerer Polsternörter

von dem Äquinoktium t_1 auf $t_2 = 1936.0$

t_1	$90° - (N)$	$(m) + (N) - 90°$	(n)
1755	+69′ 28.″13	+69′ 30.″72	+60′ 29.″07
1790	56 2.66	56 4.36	48 47.17
1800	52 12.48	52 13.95	45 26.63
1810	48 22.28	48 23.55	42 6.10
1825	42 36.95	42 37.93	37 5.32
1830	+40 41.83	+40 42.72	+35 25.07
1835	38 46.70	38 47.51	33 44.81
1840	36 51.57	36 52.30	32 4.55
1845	34 56.43	34 57.09	30 24.30
1850	33 1.29	33 1.88	28 44.05
1855	+31 6.14	+31 6.66	+27 3.80
1860	29 10.99	29 11.45	25 23.55
1865	27 15.83	27 16.23	23 43.31
1870	25 20.66	25 21.01	22 3.06
1875	23 25.49	23 25.79	20 22.82
1880	+21 30.32	+21 30.57	+18 42.58
1885	19 35.14	19 35.35	17 2.33
1890	17 39.95	17 40.13	15 22.10
1895	15 44.76	15 44.90	13 41.86
1900	13 49.56	13 49.67	12 1.63
1905	+11 54.36	+11 54.44	+10 21.39
1910	9 59.16	9 59.22	8 41.16
1915	8 3.94	8 3.99	7 0.94
1920	6 8.73	6 8.75	5 20.72
1925	4 13.50	4 13.52	3 40.49
1930	+ 2 18.27	+ 2 18.29	+ 2 0.27
1935	+ 0 23.04	+ 0 23.05	+ 0 20.04
1940	− 1 32.19	− 1 32.19	− 1 20.18

Sind α_1, δ_1 die Koordinaten für t_1 und α_2, δ_2 jene für $t_2 = 1936.0$, so hat man

zur Reduktion von dem Äquinoktium t_1 auf t_2:

$$a_1 = \alpha_1 + [90° - (N)]$$

$$p_1 = \left(\operatorname{tang} \delta_1 + \cos a_1 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin (n)$$

$$\operatorname{tang} \Delta a_1 = \frac{p_1 \sin a_1}{1 - p_1 \cos a_1}$$

$$\alpha_2 = a_1 + [(m) + (N) - 90°] + \Delta a_1$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_2 - \delta_1) = \cos (a_1 + \tfrac{1}{2}\Delta a_1) \sec \tfrac{1}{2}\Delta a_1 \operatorname{tang} \tfrac{1}{2}(n)$$

zur Reduktion von dem Äquinoktium t_2 auf t_1:

$$a_2 = \alpha_2 - [(m) + (N) - 90°]$$

$$p_2 = -\left(\operatorname{tang} \delta_2 - \cos a_2 \operatorname{tang} \tfrac{1}{2}(n)\right) \sin (n)$$

$$\operatorname{tang} \Delta a_2 = \frac{p_2 \sin a_2}{1 - p_2 \cos a_2}$$

$$\alpha_1 = a_2 - [90° - (N)] + \Delta a_2$$

$$\operatorname{tang} \tfrac{1}{2}(\delta_1 - \delta_2) = -\cos\left(a_2 + \tfrac{1}{2}\Delta a_2\right) \sec \tfrac{1}{2}\Delta a_2 \operatorname{tang} \tfrac{1}{2}(n)$$

Reduktion von Koordinatendifferenzen scheinbarer Örter auf Differenzen mittlerer Örter für den Jahresanfang.

Sind $\Delta\alpha$ und $\Delta\delta$ die gemessenen Koordinatendifferenzen der scheinbaren Örter im Sinne Objekt minus Stern, $d\Delta\alpha$ und $d\Delta\delta$ die an ihnen anzubringenden Korrektionen, um Koordinatendifferenzen der auf das mittlere Äquinoktium des Jahresanfangs bezogenen mittleren Örter zu erhalten, so wird

$$d\Delta\alpha = (d\Delta\alpha)_1 + (d\Delta\alpha)_2$$
$$d\Delta\delta = (d\Delta\delta)_1 + (d\Delta\delta)_2,$$

wobei

$$(d\Delta\alpha)_1 = -j\cos(G+\alpha)\,\frac{\operatorname{tg}\delta}{15}\,\Delta\alpha^{m} - j\sin(G+\alpha)\,\frac{\sec^2\delta}{225}\,\Delta\delta'$$

$$(d\Delta\alpha)_2 = -k\cos(H+\alpha)\,\frac{\sec\delta}{15}\,\Delta\alpha^{m} - k\sin(H+\alpha)\,\frac{\operatorname{tg}\delta\sec\delta}{225}\,\Delta\delta'$$

$$(d\Delta\delta)_1 = j\sin(G+\alpha)\,\Delta\alpha^{m}$$

$$(d\Delta\delta)_2 = k\sin(H+\alpha)\sin\delta\,\Delta\alpha^{m} - k\cos(H+\alpha)\,\frac{\cos\delta}{15}\,\Delta\delta' + [0.0003\,i\sin\delta\,\Delta\delta']$$

Hierin bezeichnen $(d\Delta\alpha)_1$ und $(d\Delta\delta)_1$ den Einfluß der Präzession und Nutation, $(d\Delta\alpha)_2$ und $(d\Delta\delta)_2$ den Einfluß der Aberration.

Die Größen G, H, j, k, i sind auf S. 238* — 255* zu finden. Die Faktoren $\frac{1}{15}\operatorname{tg}\delta$, $\frac{1}{225}\sec^2\delta$, $\frac{1}{15}\sec\delta$, $\frac{1}{225}\operatorname{tg}\delta\sec\delta$, $\sin\delta$, $\frac{1}{15}\cos\delta$ entnehme man der Zusammenstellung auf S. 268*. Die numerischen Werte der Funktionen sinus und cosinus sind auf S. 269* enthalten. $\Delta\alpha^{m}$ bedeutet die in Zeitminuten ausgedrückte gemessene Rektaszensionsdifferenz, $\Delta\delta'$ ist die in Winkelminuten ausgedrückte gemessene Deklinationsdifferenz. Die Größen $d\Delta\alpha$ und $d\Delta\delta$ ergeben sich in Zeit- bzw. Winkelsekunden. Das in eckige Klammern gesetzte Glied $0.0003\,i\sin\delta\,\Delta\delta'$ in der Formel für $(d\Delta\delta)_2$ beträgt für $\Delta\delta' = 10'$ im Maximum $0''.02$ und kann daher in den meisten Fällen unberücksichtigt bleiben.

Reduktionsgrößen 1936

δ	$\frac{1}{15}$ tg δ	$\frac{1}{225}$ sec² δ	$\frac{1}{15}$ sec δ	$\frac{1}{225}$ tg δ sec δ	sin δ	$\frac{1}{15}$ cos δ	tg δ	$\frac{1}{15}$ sec² δ	δ
0°	0.000	0.004	0.067	0.000	0.00	0.07	0.00	0.07	0°
5	0.006	0.004	0.067	0.000	0.09	0.07	0.09	0.07	5
10	0.012	0.005	0.068	0.001	0.17	0.07	0.18	0.07	10
15	0.018	0.005	0.069	0.001	0.26	0.06	0.27	0.07	15
20	0.024	0.005	0.071	0.002	0.34	0.06	0.36	0.08	20
25	0.031	0.005	0.074	0.002	0.42	0.06	0.47	0.08	25
30	0.038	0.006	0.077	0.003	0.50	0.06	0.58	0.09	30
35	0.047	0.007	0.081	0.004	0.57	0.05	0.70	0.10	35
40	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40
40°	0.056	0.008	0.087	0.005	0.64	0.05	0.84	0.11	40°
42	0.060	0.008	0.090	0.005	0.67	0.05	0.90	0.12	42
44	0.064	0.009	0.093	0.006	0.69	0.05	0.97	0.13	44
46	0.069	0.009	0.096	0.007	0.72	0.05	1.04	0.14	46
48	0.074	0.010	0.100	0.007	0.74	0.04	1.11	0.15	48
50	0.079	0.011	0.104	0.008	0.77	0.04	1.19	0.16	50
52	0.085	0.012	0.108	0.009	0.79	0.04	1.28	0.18	52
54	0.092	0.013	0.113	0.010	0.81	0.04	1.38	0.19	54
56	0.099	0.014	0.119	0.012	0.83	0.04	1.48	0.21	56
58	0.107	0.016	0.126	0.013	0.85	0.04	1.60	0.24	58
60	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60
60°	0.115	0.018	0.133	0.015	0.87	0.03	1.73	0.27	60°
61	0.120	0.019	0.138	0.017	0.87	0.03	1.80	0.28	61
62	0.125	0.020	0.142	0.018	0.88	0.03	1.88	0.30	62
63	0.131	0.022	0.147	0.019	0.89	0.03	1.96	0.32	63
64	0.137	0.023	0.152	0.021	0.90	0.03	2.05	0.35	64
65	0.143	0.025	0.158	0.023	0.91	0.03	2.14	0.37	65
66	0.150	0.027	0.164	0.025	0.91	0.03	2.25	0.40	66
67	0.157	0.029	0.171	0.027	0.92	0.03	2.36	0.44	67
68	0.165	0.032	0.178	0.029	0.93	0.02	2.48	0.48	68
69	0.174	0.035	0.186	0.032	0.93	0.02	2.61	0.52	69
70	0.183	0.038	0.195	0.036	0.94	0.02	2.75	0.57	70
71	0.194	0.042	0.205	0.040	0.95	0.02	2.90	0.63	71
72	0.205	0.047	0.216	0.044	0.95	0.02	3.08	0.70	72
73	0.218	0.052	0.228	0.050	0.96	0.02	3.27	0.78	73
74	0.232	0.058	0.242	0.056	0.96	0.02	3.49	0.88	74
75	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75
75.0°	0.249	0.066	0.258	0.064	0.97	0.02	3.73	1.00	75.0°
75.5	0.258	0.071	0.266	0.069	0.97	0.02	3.87	1.06	75.5
76.0	0.267	0.076	0.276	0.074	0.97	0.02	4.01	1.14	76.0
76.5	0.278	0.082	0.286	0.079	0.97	0.02	4.17	1.22	76.5
77.0	0.289	0.088	0.296	0.086	0.97	0.01	4.33	1.32	77.0
77.5	0.301	0.095	0.308	0.093	0.98	0.01	4.51	1.42	77.5
78.0	0.314	0.103	0.321	0.101	0.98	0.01	4.70	1.54	78.0
78.5	0.328	0.112	0.334	0.110	0.98	0.01	4.92	1.68	78.5
79.0	0.343	0.122	0.349	0.120	0.98	0.01	5.14	1.83	79.0
79.5	0.360	0.134	0.366	0.132	0.98	0.01	5.40	2.01	79.5
80.0	0.378	0.147	0.384	0.145	0.98	0.01	5.67	2.21	80.0

Sinus

	0^h	1^h	2^h	3^h	4^h	5^h	
0^m	0.000	0.259	0.500	0.707	0.866	0.966	60
1	0.004	0.263	0.504	0.710	0.868	0.967	59
2	0.009	0.267	0.508	0.713	0.870	0.968	58
3	0.013	0.271	0.511	0.716	0.872	0.969	57
4	0.017	0.276	0.515	0.719	0.875	0.970	56
5	0.022	0.280	0.519	0.722	0.877	0.971	55
6	0.026	0.284	0.522	0.725	0.879	0.972	54
7	0.031	0.288	0.526	0.728	0.881	0.973	53
8	0.035	0.292	0.530	0.731	0.883	0.974	52
9	0.039	0.297	0.534	0.734	0.885	0.975	51
10	0.044	0.301	0.537	0.737	0.887	0.976	50
11	0.048	0.305	0.541	0.740	0.889	0.977	49
12	0.052	0.309	0.545	0.743	0.891	0.978	48
13	0.057	0.313	0.548	0.746	0.893	0.979	47
14	0.061	0.317	0.552	0.749	0.895	0.980	46
15	0.065	0.321	0.556	0.752	0.897	0.981	45
16	0.070	0.326	0.559	0.755	0.899	0.982	44
17	0.074	0.330	0.563	0.758	0.901	0.982	43
18	0.078	0.334	0.566	0.760	0.903	0.983	42
19	0.083	0.338	0.570	0.763	0.904	0.984	41
20	0.087	0.342	0.574	0.766	0.906	0.985	40
21	0.092	0.346	0.577	0.769	0.908	0.986	39
22	0.096	0.350	0.581	0.772	0.910	0.986	38
23	0.100	0.354	0.584	0.774	0.912	0.987	37
24	0.105	0.358	0.588	0.777	0.914	0.988	36
25	0.109	0.362	0.591	0.780	0.915	0.988	35
26	0.113	0.367	0.595	0.783	0.917	0.989	34
27	0.118	0.371	0.598	0.785	0.919	0.990	33
28	0.122	0.375	0.602	0.788	0.921	0.990	32
29	0.126	0.379	0.605	0.791	0.922	0.991	31
30	0.131	0.383	0.609	0.793	0.924	0.991	30
31	0.135	0.387	0.612	0.796	0.926	0.992	29
32	0.139	0.391	0.616	0.799	0.927	0.993	28
33	0.143	0.395	0.619	0.801	0.929	0.993	27
34	0.148	0.399	0.623	0.804	0.930	0.994	26
35	0.152	0.403	0.626	0.806	0.932	0.994	25
36	0.156	0.407	0.629	0.809	0.934	0.995	24
37	0.161	0.411	0.633	0.812	0.935	0.995	23
38	0.165	0.415	0.636	0.814	0.937	0.995	22
39	0.169	0.419	0.639	0.817	0.938	0.996	21
40	0.174	0.423	0.643	0.819	0.940	0.996	20
41	0.178	0.427	0.646	0.822	0.941	0.997	19
42	0.182	0.431	0.649	0.824	0.943	0.997	18
43	0.187	0.434	0.653	0.827	0.944	0.997	17
44	0.191	0.438	0.656	0.829	0.946	0.998	16
45	0.195	0.442	0.659	0.831	0.947	0.998	15
46	0.199	0.446	0.663	0.834	0.948	0.998	14
47	0.204	0.450	0.666	0.836	0.950	0.998	13
48	0.208	0.454	0.669	0.839	0.951	0.999	12
49	0.212	0.458	0.672	0.841	0.952	0.999	11
50	0.216	0.462	0.676	0.843	0.954	0.999	10
51	0.221	0.466	0.679	0.846	0.955	0.999	9
52	0.225	0.469	0.682	0.848	0.956	0.999	8
53	0.229	0.473	0.685	0.850	0.958	1.000	7
54	0.233	0.477	0.688	0.853	0.959	1.000	6
55	0.238	0.481	0.692	0.855	0.960	1.000	5
56	0.242	0.485	0.695	0.857	0.961	1.000	4
57	0.246	0.489	0.698	0.859	0.962	1.000	3
58	0.250	0.492	0.701	0.862	0.964	1.000	2
59	0.255	0.496	0.704	0.864	0.965	1.000	1
60	0.259	0.500	0.707	0.866	0.966	1.000	0^m
	5^h	4^h	3^h	2^h	1^h	0^h	

Cosinus

Reduktionsgrößen 1936

Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1936.0 auf das Normaläquinoktium 1925.0

α	a_1	a_2	d_1	α	α	a_1	a_2	d_1	α
h m	s	s	″	h m	h m	s	s	″	h m
0 0	−0.0642−	−0.0000+	+0.000−	24 0	6 0	+0.0000+	−0.0642+	+0.962−	18 0
10	0641	0028	042	50	10	0028	0641	961	50
20	0639	0056	084	40	20	0056	0639	958	40
30	0636	0083	126	30	30	0083	0636	954	30
40	0632	0111	167	20	40	0111	0632	948	20
50	0626	0138	208	10	50	0138	0626	940	10
1 0	−0.0620−	−0.0166+	+0.249−	23 0	7 0	+0.0166+	−0.0620+	+0.930−	17 0
10	0611	0193	290	50	10	0193	0611	918	50
20	0602	0219	329	40	20	0219	0602	904	40
30	0592	0246	369	30	30	0246	0592	889	30
40	0581	0271	407	20	40	0271	0581	872	20
50	0569	0296	445	10	50	0296	0569	853	10
2 0	−0.0556−	−0.0321+	+0.481−	22 0	8 0	+0.0321+	−0.0556+	+0.833−	16 0
10	0541	0345	517	50	10	0345	0541	811	50
20	0525	0368	552	40	20	0368	0525	788	40
30	0509	0391	586	30	30	0391	0509	764	30
40	0491	0413	619	20	40	0413	0491	737	20
50	0473	0434	650	10	50	0434	0473	710	10
3 0	−0.0454−	−0.0454+	+0.680−	21 0	9 0	+0.0454+	−0.0454+	+0.680−	15 0
10	0434	0473	710	50	10	0473	0434	650	50
20	0413	0491	737	40	20	0491	0413	619	40
30	0391	0509	764	30	30	0509	0391	586	30
40	0368	0525	788	20	40	0525	0368	552	20
50	0345	0541	811	10	50	0541	0345	517	10
4 0	−0.0321−	−0.0556+	+0.833−	20 0	10 0	+0.0556+	−0.0321+	+0.481−	14 0
10	0296	0569	853	50	10	0569	0296	445	50
20	0271	0581	872	40	20	0581	0271	407	40
30	0246	0592	889	30	30	0592	0246	369	30
40	0219	0602	904	20	40	0602	0219	329	20
50	0193	0611	918	10	50	0611	0193	290	10
5 0	−0.0166−	−0.0620+	+0.930−	19 0	11 0	+0.0620+	−0.0166+	+0.249−	13 0
10	0138	0626	940	50	10	0626	0138	208	50
20	0111	0632	948	40	20	0632	0111	167	40
30	0083	0636	954	30	30	0636	0083	126	30
40	0056	0639	958	20	40	0639	0056	084	20
50	0028	0641	961	10	50	0641	0028	042	10
6 0	−0.0000−	−0.0642+	+0.962−	18 0	12 0	+0.0642+	−0.0000+	+0.000−	12 0

Für α zwischen 12^h und 24^h gelten die Vorzeichen zur Rechten.

$\Delta\alpha_{1925.0} = \Delta\alpha_{1936.0} + a_1 \cdot \mathrm{tg}\,\delta \cdot \Delta\alpha^m + a_2 \cdot \frac{1}{15}\sec^2\delta \cdot \Delta\delta'$; $\quad \Delta\delta_{1925.0} = \Delta\delta_{1936.0} + d_1 \cdot \Delta\alpha^m$

$\Delta\alpha^m$ bedeutet die Rektaszensionsdifferenz in Zeitminuten, $\Delta\delta'$ ist die Deklinationsdifferenz in Winkelminuten.

Die Werte von $\mathrm{tg}\,\delta$ und $\frac{1}{15}\sec^2\delta$ sind auf S. 268* enthalten.

Reduktionsgrößen 1936

Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium

0h Welt-Zeit		f	log g	G	0h Welt-Zeit		f	log g	G
1936		s		h m s	1936		s		h m s
Jan.	−3	+34.798	2.35598	23 58 22	Mai	12	+35.885	2.36933	23 59 5
	+1	34.844	2.35655	23 58 23		16	35.922	2.36977	23 59 11
	5	34.890	2.35712	23 58 23		20	35.960	2.37022	23 59 17
	9	34.934	2.35768	23 58 23		24	35.999	2.37070	23 59 23
	13	34.978	2.35822	23 58 22		28	36.039	2.37118	23 59 28
	17	+35.021	2.35875	23 58 21	Juni	1	+36.080	2.37167	23 59 33
	21	35.063	2.35926	23 58 19		5	36.122	2.37218	23 59 38
	25	35.103	2.35976	23 58 17		9	36.164	2.37269	23 59 42
	29	35.141	2.36024	23 58 14		13	36.207	2.37320	23 59 45
Febr.	2	35.178	2.36070	23 58 12		17	36.251	2.37372	23 59 48
	6	+35.214	2.36113	23 58 9		21	+36.294	2.37425	23 59 50
	10	35.248	2.36155	23 58 7		25	36.338	2.37477	23 59 52
	14	35.280	2.36195	23 58 4		29	36.381	2.37529	23 59 54
	18	35.311	2.36233	23 58 2	Juli	3	36.424	2.37580	23 59 54
	22	35.340	2.36269	23 58 0		7	36.467	2.37631	23 59 55
	26	+35.368	2.36304	23 57 58		11	+36.509	2.37681	23 59 54
März	1	35.395	2.36337	23 57 57		15	36.550	2.37730	23 59 54
	5	35.421	2.36369	23 57 56		19	36.590	2.37778	23 59 53
	9	35.446	2.36400	23 57 56		23	36.629	2.37824	23 59 51
	13	35.470	2.36429	23 57 57		27	36.667	2.37869	23 59 49
	17	+35.494	2.36458	23 57 58		31	+36.704	2.37913	23 59 47
	21	35.518	2.36487	23 58 0	Aug.	4	36.740	2.37954	23 59 45
	25	35.542	2.36516	23 58 2		8	36.774	2.37995	23 59 43
	29	35.565	2.36545	23 58 5		12	36.807	2.38033	23 59 41
April	2	35.590	2.36575	23 58 8		16	36.838	2.38070	23 59 39
	6	+35.614	2.36605	23 58 13		20	+36.868	2.38106	23 59 37
	10	35.640	2.36636	23 58 17		24	36.897	2.38140	23 59 35
	14	35.666	2.36668	23 58 22		28	36.924	2.38172	23 59 34
	18	35.694	2.36701	23 58 28	Sept.	1	36.951	2.38203	23 59 32
	22	35.723	2.36736	23 58 34		5	36.976	2.38233	23 59 32
	26	+35.753	2.36772	23 58 40		9	+37.001	2.38262	23 59 31
	30	35.784	2.36810	23 58 46		13	37.025	2.38290	23 59 31
Mai	4	35.816	2.36849	23 58 52		17	37.048	2.38318	23 59 32
	8	35.850	2.36890	23 58 59		21	37.072	2.38345	23 59 33
	12	+35.885	2.36933	23 59 5		25	+37.095	2.38372	23 59 35

Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium

0h Welt-Zeit	f	log g	G	0h Welt-Zeit	f	log g	G
1936	s		h m s	1936	s		h m s
Sept. 25	+37.095	2.38372	23 59 35	Nov. 16	+37.462	2.38800	0 0 40
29	37.118	2.38399	23 59 38	20	37.500	2.38844	0 0 46
Okt. 3	37.141	2.38426	23 59 41	24	37.539	2.38889	0 0 52
7	37.165	2.38454	23 59 44	28	37.580	2.38936	0 0 58
11	37.189	2.38482	23 59 48	Dez. 2	37.621	2.38985	0 1 3
15	+37.214	2.38512	23 59 53	6	+37.664	2.39034	0 1 7
19	37.241	2.38542	23 59 58	10	37.708	2.39085	0 1 11
23	37.268	2.38574	0 0 4	14	37.752	2.39136	0 1 15
27	37.297	2.38608	0 0 9	18	37.797	2.39188	0 1 17
31	37.327	2.38643	0 0 15	22	37.842	2.39240	0 1 20
Nov. 4	+37.358	2.38679	0 0 22	26	+37.887	2.39291	0 1 21
8	37.391	2.38718	0 0 28	30	37.932	2.39342	0 1 22
12	37.426	2.38758	0 0 34	34	+37.976	2.39393	0 1 22
16	+37.462	2.38800	0 0 40				

Die mit den vorstehend gegebenen Größen f, log g und G berechnete Reduktion vom mittleren Äquinoktium 1925.0 auf das wahre Äquinoktium der Epoche bedarf noch einer Verbesserung, die von dem Einfluß der Variatio saecularis herrührt und auf S. 273* enthalten ist. Es wird somit:

$$\text{Red. in } \alpha = f + {}^1/_{15}\, g \sin(G+\alpha)\,\text{tg}\,\delta + \text{Korr. nach S. 273*}$$
$$\text{Red. in } \delta = g \cos(G+\alpha) + \text{Korr. nach S. 273*}$$

Korrektion der Reduktion vom mittleren Äquinoktium 1925.0 auf das jedesmalige wahre Äquinoktium (s. S. 271*—272*), berechnet für 1936.0, mit Hinzufügung ihrer einjährigen Änderung.

α	δ							
	+60°	+50°	+30°	+10°	−10°	−30°	−50°	−60°
Für Rektaszension (in 0ˢ.001)								
0ʰ	+32 +6	+23 +4	+12 +2	+ 4 +1	− 2 0	− 9 −2	−20 −4	−30 −5
1	+45 +8	+29 +5	+14 +3	+ 6 +1	0 0	− 6 −1	−12 −2	−15 −3
2	+52 +9	+33 +6	+16 +3	+ 7 +1	+ 2 0	− 2 0	− 4 −1	− 2 0
3	+50 +9	+31 +6	+15 +3	+ 8 +1	+ 3 +1	0 0	+ 1 0	+ 7 +1
4	+40 +7	+25 +4	+12 +2	+ 6 +1	+ 3 +1	+ 2 0	+ 4 +1	+10 +2
5	+22 +4	+14 +3	+ 7 +1	+ 4 +1	+ 2 0	+ 2 0	+ 4 +1	+ 7 +1
6	+ 1 0	+ 1 0	+ 1 0	+ 1 0	+ 1 0	+ 1 0	+ 2 0	+ 2 0
7	−21 −4	−12 −2	− 5 −1	− 2 0	0 0	+ 1 0	0 0	− 4 0
8	−39 −7	−23 −4	−10 −2	− 4 −1	− 1 0	+ 1 0	− 1 0	− 7 −1
9	−49 −9	−29 −5	−13 −2	− 5 −1	− 1 0	+ 2 0	+ 2 0	− 4 −1
10	−50 −9	−31 −6	−14 −2	− 5 −1	0 0	+ 5 +1	+ 7 +1	+ 5 +1
11	−43 −8	−27 −5	−12 −2	− 4 −1	+ 2 0	+ 8 +1	+14 +3	+18 +3
12	−30 −5	−20 −4	− 9 −2	− 2 0	+ 4 +1	+12 +2	+23 +4	+32 +6
13	−15 −3	−12 −2	− 6 −1	0 0	+ 6 +1	+14 +3	+29 +5	+45 +8
14	− 2 0	− 4 −1	− 2 0	+ 2 0	+ 7 +1	+16 +3	+33 +6	+52 +9
15	+ 7 +1	+ 1 0	0 0	+ 3 +1	+ 8 +1	+15 +3	+31 +6	+50 +9
16	+10 +2	+ 4 +1	+ 2 0	+ 3 +1	+ 6 +1	+12 +2	+25 +4	+40 +7
17	+ 7 +1	+ 4 +1	+ 2 0	+ 2 0	+ 4 +1	+ 7 +1	+14 +3	+22 +4
18	+ 2 0	+ 2 0	+ 1 0	+ 1 0	+ 1 0	+ 1 0	+ 1 0	+ 1 0
19	− 4 −1	0 0	+ 1 0	0 0	− 2 0	− 5 −1	−12 −2	−21 −4
20	− 7 −1	− 1 0	+ 1 0	− 1 0	− 4 −1	−10 −2	−23 −4	−39 −7
21	− 4 −1	+ 2 0	+ 2 0	− 1 0	− 5 −1	−13 −2	−29 −5	−49 −9
22	+ 5 +1	+ 7 +1	+ 5 +1	0 0	− 5 −1	−14 −2	−31 −6	−50 −9
23	+18 +3	+14 +3	+ 8 +1	+ 2 0	− 4 −1	−12 −2	−27 −5	−43 −8
24	+32 +6	+23 +4	+12 +2	+ 4 +1	− 2 0	− 9 −2	−20 −4	−30 −5
Für Deklination (in 0″.01)								
0ʰ	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1	− 9 −2	− 8 −2	− 8 −1	− 8 −1	− 7 −1	− 7 −1	− 7 −1	− 6 −1
2	−19 −3	−17 −3	−16 −3	−15 −3	−13 −2	−12 −2	−10 −2	− 9 −2
3	−30 −5	−27 −5	−23 −4	−21 −4	−18 −3	−16 −3	−13 −2	− 9 −2
4	−39 −7	−34 −6	−29 −5	−25 −5	−22 −4	−19 −3	−13 −2	− 8 −2
5	−45 −8	−39 −7	−33 −6	−28 −5	−24 −4	−20 −4	−13 −2	− 7 −1
6	−47 −9	−41 −7	−34 −6	−29 −5	−25 −5	−20 −4	−13 −2	− 7 −1
7	−45 −8	−39 −7	−32 −6	−28 −5	−24 −4	−20 −4	−13 −2	− 7 −1
8	−39 −7	−34 −6	−28 −5	−25 −4	−22 −4	−18 −3	−13 −2	− 8 −1
9	−29 −5	−26 −5	−22 −4	−20 −4	−18 −3	−15 −3	−12 −2	− 9 −2
10	−18 −3	−17 −3	−15 −3	−14 −2	−13 −2	−11 −2	−10 −2	− 8 −1
11	− 8 −1	− 7 −1	− 7 −1	− 7 −1	− 6 −1	− 6 −1	− 6 −1	− 5 −1
12	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
13	+ 6 +1	+ 7 +1	+ 7 +1	+ 7 +1	+ 8 +1	+ 8 +1	+ 8 +2	+ 9 +2
14	+ 9 +2	+10 +2	+12 +2	+13 +2	+15 +3	+16 +3	+17 +3	+19 +3
15	+ 9 +2	+13 +2	+16 +3	+18 +3	+21 +4	+23 +4	+27 +5	+30 +5
16	+ 8 +2	+13 +2	+19 +3	+22 +4	+25 +5	+29 +5	+34 +6	+39 +7
17	+ 7 +1	+13 +2	+20 +4	+24 +4	+28 +5	+33 +6	+39 +7	+45 +8
18	+ 7 +1	+13 +2	+20 +4	+25 +5	+29 +5	+34 +6	+41 +7	+47 +9
19	+ 7 +1	+13 +2	+20 +4	+24 +4	+28 +5	+32 +6	+39 +7	+45 +8
20	+ 8 +1	+13 +2	+18 +3	+22 +4	+25 +4	+28 +5	+34 +6	+39 +7
21	+ 9 +2	+12 +2	+15 +3	+18 +3	+20 +4	+22 +4	+26 +5	+29 +5
22	+ 8 +1	+10 +2	+11 +2	+13 +2	+14 +2	+15 +3	+17 +3	+18 +3
23	+ 5 +1	+ 6 +1	+ 6 +1	+ 6 +1	+ 7 +1	+ 7 +1	+ 7 +1	+ 8 +1
24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

α	0^h, 12^h		1^h, 13^h		2^h, 14^h		3^h, 15^h		4^h, 16^h		5^h, 17^h		α
m	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	$-A_1+$	$-D+$	m
	s	"	s	"	s	"	s	"	s	"	s	"	
0		220.49	3.787	213.04	7.334	191.08	10.381	156.10	12.721	110.48	14.194	57.33	0
1	0.046	220.49	849	212.79	390	190.60	426	155.42	753	109.65	210	56.40	1
2	110	220.48	911	212.54	445	190.12	471	154.74	784	108.81	227	55.47	2
3	175	220.47	3.972	212.28	500	189.63	516	154.05	816	107.97	243	54.54	3
4	239	220.46	4.034	212.02	555	189.14	561	153.36	847	107.13	258	53.61	4
5	303	220.44	096	211.75	610	188.64	605	152.66	878	106.29	274	52.67	5
6	367	220.42	157	211.48	665	188.14	649	151.96	909	105.45	289	51.73	6
7	431	220.39	219	211.21	720	187.64	694	151.27	939	104.60	304	50.80	7
8	495	220.36	280	210.93	774	187.13	738	150.57	12.970	103.75	318	49.86	8
9	559	220.33	342	210.65	829	186.62	781	149.86	13.000	102.90	333	48.93	9
10	0.623	220.29	4.403	210.36	7.883	186.10	10.825	149.16	13.030	102.05	14.347	47.99	10
11	687	220.25	464	210.07	937	185.58	868	148.45	059	101.20	361	47.05	11
12	751	220.20	525	209.78	7.991	185.06	912	147.73	089	100.34	374	46.11	12
13	815	220.15	586	209.48	8.044	184.54	955	147.02	118	99.48	387	45.16	13
14	879	220.09	647	209.18	098	184.01	10.997	146.30	146	98.62	400	44.22	14
15	0.943	220.03	708	208.87	151	183.48	11.040	145.58	175	97.76	413	43.28	15
16	1.007	219.97	769	208.56	204	182.95	082	144.85	203	96.90	425	42.33	16
17	071	219.90	829	208.25	258	182.41	124	144.13	231	96.03	438	41.39	17
18	135	219.83	890	207.93	311	181.87	166	143.40	259	95.17	450	40.44	18
19	199	219.75	4.950	207.61	363	181.32	208	142.66	287	94.30	461	39.50	19
20	1.263	219.67	5.011	207.28	8.416	180.77	11.249	141.93	13.314	93.43	14.473	38.55	20
21	327	219.58	071	206.95	469	180.22	290	141.19	341	92.56	484	37.60	21
22	391	219.49	131	206.62	521	179.66	331	140.45	368	91.68	494	36.65	22
23	454	219.40	191	206.28	573	179.10	371	139.71	394	90.81	505	35.71	23
24	518	219.30	251	205.94	625	178.54	412	138.97	421	89.93	515	34.76	24
25	582	219.20	311	205.59	677	177.97	452	138.22	447	89.05	525	33.81	25
26	646	219.09	370	205.24	729	177.40	492	137.47	473	88.17	535	32.86	26
27	710	218.98	430	204.89	780	176.83	532	136.71	498	87.29	544	31.91	27
28	773	218.87	489	204.53	832	176.25	571	135.96	523	86.40	553	30.95	28
29	837	218.75	549	204.17	883	175.67	611	135.20	548	85.52	562	30.00	29
30	1.901	218.63	5.608	203.81	8.934	175.09	11.650	134.44	13.573	84.63	14.571	29.05	30
31	1.964	218.50	667	203.44	8.985	174.50	689	133.68	597	83.74	579	28.09	31
32	2.028	218.37	726	203.07	9.035	173.91	728	132.91	622	82.85	587	27.14	32
33	091	218.24	785	202.69	086	173.32	766	132.14	646	81.96	595	26.18	33
34	155	218.10	844	202.31	136	172.72	805	131.37	669	81.07	603	25.23	34
35	218	217.96	903	201.92	186	172.12	843	130.60	693	80.17	610	24.27	35
36	281	217.81	5.962	201.53	236	171.52	881	129.82	716	79.27	617	23.31	36
37	345	217.66	6.021	201.14	286	170.92	918	129.04	739	78.38	623	22.36	37
38	408	217.50	079	200.74	335	170.31	956	128.26	761	77.48	629	21.40	38
39	472	217.34	138	200.34	385	169.70	11.993	127.48	784	76.57	635	20.45	39
40	2.535	217.18	6.196	199.94	9.434	169.08	12.030	126.69	13.806	75.67	14.641	19.49	40
41	598	217.01	254	199.53	483	168.46	067	125.90	828	74.77	646	18.53	41
42	661	216.84	312	199.12	532	167.84	103	125.11	849	73.86	652	17.57	42
43	724	216.66	370	198.71	581	167.21	140	124.31	871	72.95	657	16.61	43
44	787	216.48	428	198.29	630	166.58	176	123.52	892	72.04	661	15.65	44
45	850	216.30	485	197.87	678	165.95	212	122.72	913	71.13	666	14.69	45
46	913	216.11	543	197.44	726	165.32	247	121.92	933	70.22	670	13.73	46
47	2.976	215.92	600	197.01	774	164.68	283	121.11	954	69.31	674	12.77	47
48	3.038	215.72	657	196.58	822	164.04	318	120.31	974	68.39	677	11.81	48
49	101	215.52	714	196.14	870	163.39	352	119.50	13.993	67.48	681	10.85	49
50	3.164	215.32	6.771	195.70	9.917	162.74	12.387	118.69	14.013	66.56	14.684	9.89	50
51	226	215.11	828	195.26	9.964	162.09	421	117.88	032	65.64	687	8.93	51
52	289	214.90	885	194.81	10.012	161.44	456	117.06	051	64.73	689	7.97	52
53	351	214.68	941	194.36	059	160.78	490	116.25	070	63.81	691	7.00	53
54	414	214.46	6.998	193.90	105	160.12	523	115.43	089	62.88	693	6.04	54
55	476	214.23	7.054	193.44	152	159.46	557	114.61	107	61.96	695	5.08	55
56	538	214.00	110	192.98	198	158.80	590	113.79	125	61.04	696	4.12	56
57	600	213.77	167	192.51	244	158.13	623	112.96	142	60.11	697	3.16	57
58	663	213.53	223	192.04	290	157.46	656	112.14	160	59.19	698	2.19	58
59	725	213.29	278	191.56	336	156.78	689	111.31	177	58.26	699	1.23	59
60	3.787	213.04	7.334	191.08	10.381	156.10	12.721	110.48	14.194	57.33	14.699	0.27	60

α	6h, 18h		7h, 19h		8h, 20h		9h, 21h		10h, 22h		11h, 23h		α
m	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	−A₁+	+D−	m
	s	"	s	"	s	"	s	"	s	"	s	"	
0	14.699		14.203	56.80	12.739	110.01	10.407	155.71	7.365	190.81	3.822	212.90	0
1	699	0.69	186	57.73	707	110.84	362	156.39	310	191.29	760	213.15	1
2	698	1.65	169	58.66	674	111.67	316	157.07	254	191.77	698	213.39	2
3	698	2.62	152	59.59	642	112.50	270	157.74	198	192.24	635	213.63	3
4	697	3.58	135	60.52	609	113.33	224	158.41	142	192.71	573	213.87	4
5	696	4.54	117	61.44	576	114.15	178	159.08	086	193.18	511	214.10	5
6	694	5.50	099	62.36	543	114.97	132	159.75	7.030	193.64	449	214.33	6
7	693	6.46	080	63.29	509	115.79	085	160.41	6.973	194.10	386	214.55	7
8	691	7.43	062	64.21	475	116.61	10.038	161.07	917	194.55	324	214.77	8
9	688	8.39	043	65.12	441	117.43	9.991	161.73	860	195.00	261	214.99	9
10	14.686	9.35	14.024	66.04	12.407	118.24	9.944	162.38	6.803	195.45	3.199	215.20	10
11	683	10.31	14.005	66.96	372	119.05	897	163.03	746	195.89	136	215.41	11
12	680	11.27	13.985	67.88	338	119.86	849	163.68	689	196.33	073	215.61	12
13	676	12.23	965	68.79	303	120.66	801	164.32	632	196.77	3.011	215.81	13
14	673	13.19	945	69.71	267	121.47	753	164.96	575	197.20	2.948	216.01	14
15	669	14.15	925	70.62	232	122.27	705	165.59	517	197.63	885	216.20	15
16	665	15.11	904	71.53	196	123.07	657	166.23	460	198.05	822	216.39	16
17	660	16.07	883	72.44	160	123.86	608	166.86	402	198.47	759	216.57	17
18	655	17.03	862	73.35	124	124.66	560	167.49	344	198.89	696	216.75	18
19	650	17.99	841	74.26	088	125.45	511	168.11	286	199.30	633	216.92	19
20	14.645	18.95	13.819	75.16	12.051	126.24	9.462	168.73	6.228	199.71	2.570	217.09	20
21	639	19.91	797	76.06	12.014	127.03	413	169.35	170	200.12	507	217.26	21
22	633	20.87	774	76.97	11.977	127.81	363	169.96	112	200.52	444	217.42	22
23	627	21.82	752	77.87	940	128.60	314	170.57	6.053	200.92	380	217.58	23
24	621	22.78	729	78.76	903	129.38	264	171.18	5.995	201.31	317	217.73	24
25	614	23.74	706	79.66	865	130.16	214	171.78	936	201.70	254	217.88	25
26	607	24.69	683	80.56	827	130.93	164	172.38	877	202.09	190	218.03	26
27	599	25.65	659	81.45	789	131.71	114	172.98	818	202.47	127	218.17	27
28	592	26.60	635	82.35	750	132.48	063	173.58	760	202.85	063	218.31	28
29	584	27.56	611	83.24	712	133.24	9.013	174.17	701	203.23	2.000	218.44	29
30	14.576	28.51	13.587	84.13	11.673	134.01	8.962	174.76	5.642	203.60	1.936	218.57	30
31	567	29.46	562	85.02	634	134.77	911	175.35	582	203.97	872	218.69	31
32	559	30.41	537	85.90	594	135.53	860	175.93	523	204.33	809	218.81	32
33	550	31.37	512	86.79	555	136.29	809	176.51	463	204.69	745	218.93	33
34	540	32.32	487	87.67	515	137.05	758	177.08	404	205.05	682	219.04	34
35	531	33.27	461	88.55	475	137.80	706	177.65	344	205.40	618	219.15	35
36	521	34.22	435	89.43	435	138.55	654	178.22	284	205.75	554	219.25	36
37	511	35.17	409	90.31	394	139.29	603	178.79	224	206.09	490	219.35	37
38	500	36.12	382	91.18	354	140.04	551	179.35	164	206.43	427	219.44	38
39	490	37.07	356	92.06	313	140.78	498	179.91	104	206.77	363	219.53	39
40	14.479	38.02	13.329	92.93	11.272	141.52	8.446	180.46	5.044	207.10	1.299	219.62	40
41	468	38.97	302	93.80	231	142.25	393	181.01	4.984	207.43	235	219.70	41
42	456	39.91	274	94.67	189	142.99	341	181.56	923	207.75	171	219.78	42
43	444	40.86	247	95.54	147	143.72	288	182.10	863	208.07	107	219.86	43
44	432	41.80	219	96.41	105	144.44	234	182.64	802	208.39	1.043	219.93	44
45	420	42.75	191	97.27	063	145.17	181	183.18	742	208.70	0.979	220.00	45
46	407	43.69	163	98.13	11.021	145.89	128	183.71	681	209.01	915	220.06	46
47	394	44.63	134	99.00	10.978	146.61	074	184.24	620	209.31	851	220.12	47
48	381	45.58	105	99.86	935	147.33	8.021	184.77	559	209.61	787	220.17	48
49	368	46.52	076	100.71	892	148.05	7.967	185.29	498	209.91	723	220.22	49
50	14.354	47.46	13.047	101.57	10.849	148.76	7.913	185.81	4.437	210.20	0.659	220.27	50
51	340	48.40	13.017	102.42	806	149.47	859	186.33	376	210.49	595	220.31	51
52	326	49.33	12.987	103.27	762	150.17	805	186.84	314	210.77	531	220.35	52
53	311	50.27	957	104.12	718	150.87	750	187.35	253	211.05	467	220.38	53
54	297	51.20	927	104.97	674	151.57	696	187.86	191	211.33	403	220.41	54
55	282	52.14	896	105.81	630	152.27	641	188.36	130	211.60	339	220.43	55
56	267	53.07	865	106.65	586	152.96	586	188.86	068	211.87	275	220.45	56
57	251	54.00	834	107.50	541	153.65	531	189.35	4.007	212.13	211	220.47	57
58	235	54.94	802	108.34	497	154.34	476	189.84	3.945	212.39	146	220.48	58
59	219	55.87	771	109.17	452	155.03	421	190.33	884	212.65	082	220.49	59
60	14.203	56.80	12.739	110.01	10.407	155.71	7.365	190.81	3.822	212.90	0.018	220.49	60

Reduktionsgrößen 1936

Übertragung von Sternörtern vom mittleren Äquinoktium 1936.0 auf das Normaläquinoktium 1925.0

α	A	A_2	D_1	α	α	A	A_2	D_1	α
h m	s	s	"	h m	h m	s	s	"	h m
0 0	−33.802	+0.0000	−0.000	12 0	6 0	−33.802	−0.0000	−0.118	18 0
10	802	07	000	10	10	802	07	118	10
20	801	14	001	20	20	803	14	117	20
30	801	20	002	30	30	803	20	116	30
40	801	27	004	40	40	803	27	114	40
50	800	33	006	50	50	804	33	112	50
1 0	−33.800	+0.0039	−0.008	13 0	7 0	−33.804	−0.0039	−0.110	19 0
10	800	45	011	10	10	804	45	107	10
20	799	51	014	20	20	804	51	104	20
30	799	56	017	30	30	805	56	100	30
40	799	60	021	40	40	805	60	097	40
50	799	64	025	50	50	805	64	093	50
2 0	−33.798	+0.0068	−0.029	14 0	8 0	−33.805	−0.0068	−0.088	20 0
10	798	71	034	10	10	805	71	084	10
20	798	74	039	20	20	806	74	079	20
30	798	76	044	30	30	806	76	074	30
40	798	77	049	40	40	806	77	069	40
50	798	78	054	50	50	806	78	064	50
3 0	−33.798	+0.0079	−0.059	15 0	9 0	−33.806	−0.0079	−0.059	21 0
10	798	78	064	10	10	806	78	054	10
20	798	77	069	20	20	806	77	049	20
30	798	76	074	30	30	806	76	044	30
40	798	74	079	40	40	806	74	039	40
50	798	71	084	50	50	805	71	034	50
4 0	−33.798	+0.0068	−0.088	16 0	10 0	−33.805	−0.0068	−0.029	22 0
10	799	64	093	10	10	805	64	025	10
20	799	60	097	20	20	805	60	021	20
30	799	56	100	30	30	805	56	017	30
40	799	51	104	40	40	804	51	014	40
50	800	45	107	50	50	804	45	011	50
5 0	−33.800	+0.0039	−0.110	17 0	11 0	−33.804	−0.0039	−0.008	23 0
10	800	33	112	10	10	804	33	006	10
20	801	27	114	20	20	803	27	004	20
30	801	20	116	30	30	803	20	002	30
40	801	14	117	40	40	803	14	001	40
50	802	07	118	50	50	802	07	000	50
6 0	−33.802	+0.0000	−0.118	18 0	12 0	−33.802	−0.0000	−0.000	24 0

$$\alpha_{1925} = \alpha_{1936} + A + A_1 \operatorname{tg} \delta_{1936} + A_2 \operatorname{tg}^2 \delta_{1936}$$
$$\delta_{1925} = \delta_{1936} + D + D_1 \operatorname{tg} \delta_{1936}$$

A_1 und D sind aus der Tafel (S. 274* u. 275*) mit dem Argument α_{1936} zu entnehmen; für die Werte von α zwischen 0^h und 12^h gelten die Vorzeichen zur Linken, für die Werte von α zwischen 12^h und 24^h die Vorzeichen zur Rechten.

Finsternisse, Sternbedeckungen, Mösting A, Trabanten

Konstellationen, Hilfstafeln

1936

Im Jahre 1936 finden zwei Sonnenfinsternisse und zwei Mondfinsternisse statt.

I. Totale Mondfinsternis 1936 Januar 8 sichtbar in Berlin.

Opposition in Rektaszension . . . . . Januar 8, 18h 21m 8s.8 Welt-Zeit

Rektaszension des Mondes	7h 15m 4s.98
Stündliche Änderung	2 16.46
Rektaszension der Sonne	19 15 4.98
Stündliche Änderung	10.92
Deklination des Mondes	+21° 53′ 52″.6
Stündliche Änderung	− 7 5.3
Deklination der Sonne	−22 19 34.5
Stündliche Änderung	+ 19.6
Äquatorialhorizontalparallaxe des Mondes	56′ 29″.4
„ der Sonne	8.9
Halbmesser des Mondes	15′ 22″.8
„ der Sonne	16 16.0

Eintritt des Mondes in den Halbschatten . .	Januar 8,	15h 16m.9	Welt-Zeit
Eintritt des Mondes in den Kernschatten .	„	16 28.1	„
Anfang der totalen Verfinsterung	„	17 57.8	„
Mitte der Finsternis	„	18 9.5	„
Ende der totalen Verfinsterung	„	18 21.2	„
Austritt des Mondes aus dem Kernschatten .	„	19 50.7	„
Austritt des Mondes aus dem Halbschatten .	„	21 1.5	„

Der Mond steht zu den Zeiten der ersten und letzten Berührung mit dem Kernschatten im Zenit der Orte, deren geographische Lage ist:

246° 23′ westliche Länge von Greenwich, 22° 7′ nördliche Breite
295° 15′ „ „ „ „ 21° 43′ „ „

Positionswinkel des Eintritts . . . . = 76°
„ „ Austritts . . . . = 310°
Größe der Finsternis in Einheiten des Monddurchmessers . . =1.022

Der Anfang der Finsternis ist sichtbar im nordöstlichen Teil des Atlantischen Ozeans, in Europa, im Osten Afrikas, in Madagaskar, in Asien, im Indischen Ozean, in Australien, in Polynesien, im westlichen Teil des Stillen Ozeans, in Alaska, im Nordwesten Kanadas und im nördlichen Eismeer. Das Ende ist sichtbar im östlichen Teil des Atlantischen Ozeans, in Europa, Asien und Afrika, im Indischen Ozean, in Australien mit Ausnahme des südöstlichen Teils, im westlichen Teil des Stillen Ozeans, im Nordwesten Alaskas und im nördlichen Eismeer.

II. Totale Sonnenfinsternis 1936 Juni 19 in Berlin sichtbar als partielle Finsternis.

Konjunktion in Rektaszension	Juni 19, 5h 15m 22.5s	Welt-Zeit

	h m s
Rektaszension des Mondes	5 50 5.98
Stündliche Änderung	2 33.43
Rektaszension der Sonne	5 50 5.98
Stündliche Änderung	10.40

	° ′ ″
Deklination des Mondes	+23 57 24.5
Stündliche Änderung	— 2 36.9
Deklination der Sonne	+23 25 41.0
Stündliche Änderung	+ 2.5

	′ ″
Äquatorialhorizontalparallaxe des Mondes .	58 51.0
„ der Sonne . .	8.7

	′ ″
Halbmesser des Mondes	16 1.4
„ der Sonne	15 44.3

	Welt-Zeit h m	Westl. Länge v. Greenwich ° ′	Geogr. Breite ° ′
Anfang der Finsternis	Juni 19, 2 45.0	321 33	+22 58
Beginn der zentralen Verfinsterung .	„ 3 49.6	344 2	+33 51
Zentrale Verfinsterung im wahren Mittag	„ 5 15.4	258 34	+56 24
Ende der zentralen Verfinsterung . .	„ 6 50.5	180 23	+25 36
Ende der Finsternis	„ 7 55.3	202 6	+14 32

Größe der Finsternis in Einheiten des Sonnendurchmessers = 1.018.

Verlauf der Zentrallinie

Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite	Dauer der Totalität	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite	Dauer der Totalität
h m	° ′	° ′	m s	h m	° ′	° ′	m s
3 49.6	344 2	+33 51	—	5 20	255 19.5	+56 7.4	2 31.7
4 0	319 59.1	+44 54.0	1 33.4	5 40	241 57.3	+53 55.5	2 27.3
4 20	300 54.4	+51 53.7	2 1.4	6 0	229 31.8	+50 12.1	2 15.9
4 40	284 56.1	+55 23.4	2 19.0	6 20	217 12.1	+44 48.8	1 57.4
5 0	269 44.7	+56 40.9	2 29.0	6 40	202 0.7	+36 38.2	1 29.3
5 20	255 19.5	+56 7.4	2 31.7	6 50.5	180 23	+25 36	—

Die Finsternis ist sichtbar im nordöstlichen Afrika, in Europa mit Ausnahme des südlichen und westlichen Teils der Pyrenäen-Halbinsel, in Grönland mit Ausnahme der Südspitze, im nördlichen Eismeer, im Norden Kanadas und in Alaska, in Asien mit Ausnahme von Vorder- und Hinter-Indien und im westlichen Teil des Stillen Ozeans.

Sonnenfinsternis 1936 Juni 19

Geographische Breite	Anfang der Finsternis									Größte Phase					Geographische Breite
	Östliche Länge von Greenwich									Östl. Länge von Greenwich					
	20m	30m	40m	50m	60m	70m	80m	90m	100m	20m	30m	40m	50m	60m	
	Welt-Zeit									Welt-Zeit					
	3h	3h	3h	3h	3h	3h	3h	3h	3h	4h	4h	4h	4h	4h	
44°	.	.	.	.	.	8.6m	7.2m	5.8m	4.6m	5.1m	3.9m	2.8m	1.8m	0.9m	44°
45	.	.	.	.	.	9.9	8.4	7.1	5.9	6.1	5.0	3.9	3.0	2.1	45
46	.	.	.	.	12.7m	11.2	9.7	8.4	7.2	7.2	6.1	5.1	4.2	3.3	46
47	.	.	.	15.5m	14.0	12.5	11.1	9.8	8.6	8.3	7.3	6.3	5.4	4.6	47
48	.	.	.	16.8	15.3	13.8	12.5	11.2	10.0	9.5	8.4	7.5	6.6	5.8	48
49	.	.	19.8m	18.2	16.7	15.2	13.9	12.6	11.4	10.6	9.6	8.7	7.9	7.1	49
50	.	22.9m	21.2	19.6	18.1	16.6	15.3	14.0	12.9	11.8	10.8	9.9	9.1	8.4	50
51	26.0m	24.2	22.6	21.0	19.5	18.1	16.8	15.5	14.4	13.0	12.0	11.2	10.4	9.7	51
52	27.3	25.6	24.0	22.4	20.9	19.5	18.2	17.0	15.9	14.2	13.3	12.4	11.7	11.1	52
53	28.7	27.0	25.4	23.8	22.4	21.0	19.8	18.6	17.5	15.4	14.5	13.7	13.0	12.4	53
54	30.1	28.4	26.8	25.3	23.9	22.6	21.3	20.2	19.1	16.7	15.8	15.0	14.4	13.8	54
55	31.5	29.9	28.3	26.8	25.4	24.1	22.9	21.8	20.7	17.9	17.1	16.4	15.7	15.2	55
56	33.0	31.4	29.8	28.4	27.0	25.7	24.5	23.4	22.4	19.2	18.4	17.7	17.1	16.6	56
57	34.5	32.9	31.4	30.0	28.6	27.4	26.2	25.1	24.1	20.5	19.8	19.1	18.5	18.0	57
58	36.0	34.4	32.9	31.6	30.3	29.0	27.9	26.8	25.8	21.9	21.1	20.5	19.9	19.5	58
59	37.5	36.0	34.5	33.2	31.9	30.7	29.6	28.6	27.6	23.2	22.5	21.9	21.4	20.9	59
60	39.0	37.6	36.2	34.8	33.6	32.4	31.4	30.4	29.4	24.6	23.9	23.3	22.8	22.4	60
	Winkel P									Betrag der größten Phase					
44°	.	.	.	.	.	256.8°	258.0°	259.2°	260.4°	0.71	0.73	0.76	0.78	0.80	44°
46	.	.	.	.	253.8°	254.9	256.1	257.2	258.4	0.68	0.70	0.72	0.74	0.76	46
48	.	.	.	250.9°	252.0	253.1	254.2	255.3	256.5	0.65	0.67	0.69	0.71	0.73	48
50	.	247.0°	248.0°	249.1	250.2	251.3	252.4	253.5	254.6	0.62	0.64	0.66	0.68	0.70	50
52	244.4°	245.4	246.4	247.5	248.5	249.6	250.7	251.8	252.8	0.59	0.61	0.63	0.65	0.66	52
54	242.8	243.8	244.9	245.9	246.9	248.0	249.0	250.1	251.1	0.56	0.58	0.60	0.62	0.63	54
56	241.4	242.4	243.4	244.4	245.4	246.4	247.4	248.4	249.5	0.54	0.55	0.57	0.59	0.61	56
58	240.0	241.0	242.0	242.9	243.9	244.9	245.9	246.9	247.9	0.51	0.53	0.54	0.56	0.58	58
60	238.7	239.7	240.6	241.6	242.5	243.5	244.4	245.4	246.3	0.49	0.50	0.52	0.54	0.55	60
	Winkel Q														
44°	.	.	.	.	.	297.4°	299.4°	301.4°	303.5°	.	.	.	.	.	44°
46	.	.	.	.	292.1°	294.1	296.1	298.0	300.0	.	.	.	.	.	46
48	.	.	.	287.0°	288.9	290.8	292.7	294.6	296.5	.	.	.	.	.	48
50	.	280.2°	282.1°	283.9	285.8	287.6	289.5	291.3	293.1	.	.	.	.	.	50
52	275.4°	277.3	279.1	280.9	282.7	284.5	286.2	288.0	289.7	.	.	.	.	.	52
54	272.6	274.4	276.1	277.9	279.6	281.4	283.0	284.7	286.4	.	.	.	.	.	54
56	269.9	271.6	273.3	275.0	276.6	278.3	279.9	281.5	283.1	.	.	.	.	.	56
58	267.2	268.8	270.5	272.1	273.7	275.2	276.8	278.3	279.9	.	.	.	.	.	58
60	264.6	266.1	267.7	269.2	270.8	272.3	273.7	275.2	276.7	.	.	.	.	.	60

Sonnenfinsternis 1936 Juni 19

Geographische Breite	Größte Phase					Ende der Finsternis									Geographische Breite
	Östl. Länge von Greenwich					Östliche Länge von Greenwich									
	60m	70m	80m	90m	100m	20m	30m	40m	50m	60m	70m	80m	90m	100m	
	Welt-Zeit					Welt-Zeit									
	4h	4h	3h	3h	3h	4h	4h	4h	4h	4h	4h	4h	4h	4h	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
44°	0.9	0.2	59.5	58.9	58.5	55.6	55.3	55.2	55.1	55.2	55.4	55.7	56.1	56.6	44°
45	2.1	1.4	60.7	60.2	59.8	56.5	56.3	56.2	56.2	56.3	56.5	56.9	57.3	57.9	45
46	3.3	2.6	62.0	61.5	61.1	57.5	57.3	57.2	57.2	57.4	57.7	58.1	58.6	59.2	46
47	4.6	3.9	63.3	62.8	62.5	58.4	58.3	58.2	58.3	58.5	58.8	59.2	59.8	60.4	47
48	5.8	5.2	64.6	64.2	63.8	59.4	59.3	59.3	59.4	59.6	60.0	60.4	61.0	61.7	48
49	7.1	6.5	66.0	65.6	65.2	60.4	60.3	60.3	60.5	60.7	61.1	61.6	62.2	63.0	49
50	8.4	7.8	67.3	66.9	66.6	61.4	61.3	61.4	61.6	61.9	62.3	62.8	63.5	64.2	50
51	9.7	9.2	68.7	68.3	68.0	62.4	62.3	62.5	62.7	63.0	63.5	64.0	64.7	65.5	51
52	11.1	10.5	70.1	69.7	69.5	63.4	63.4	63.5	63.8	64.2	64.6	65.2	65.9	66.7	52
53	12.4	11.9	71.5	71.2	70.9	64.4	64.5	64.6	64.9	65.3	65.8	66.4	67.2	68.0	53
54	13.8	13.3	72.9	72.6	72.4	65.4	65.5	65.7	66.0	66.5	67.0	67.6	68.4	69.2	54
55	15.2	14.7	74.4	74.1	73.9	66.5	66.6	66.8	67.2	67.6	68.2	68.8	69.6	70.5	55
56	16.6	16.2	75.8	75.6	75.4	67.5	67.7	68.0	68.3	68.8	69.4	70.0	70.8	71.7	56
57	18.0	17.6	77.3	77.1	77.0	68.6	68.8	69.1	69.5	70.0	70.6	71.3	72.1	73.0	57
58	19.5	19.1	78.8	78.6	78.5	69.7	69.9	70.2	70.7	71.2	71.8	72.5	73.3	74.2	58
59	20.9	20.6	80.3	80.2	80.1	70.8	71.1	71.4	71.8	72.4	73.0	73.7	74.5	75.5	59
60	22.4	22.1	81.9	81.7	81.7	71.9	72.2	72.6	73.0	73.6	74.2	74.9	75.8	76.7	60

	Betrag der größten Phase					Winkel P									
44°	0.80	0.82	0.84	0.87	0.89	104.5°	103.2°	101.8°	100.5°	99.2°	97.8°	96.5°	95.1°	93.8°	44°
46	0.76	0.78	0.81	0.83	0.85	106.7	105.4	104.1	102.8	101.5	100.1	98.8	97.5	96.2	46
48	0.73	0.75	0.77	0.79	0.81	108.8	107.6	106.3	105.0	103.7	102.4	101.2	99.9	98.6	48
50	0.70	0.72	0.74	0.76	0.78	110.9	109.7	108.4	107.2	105.9	104.7	103.5	102.2	101.0	50
52	0.66	0.68	0.70	0.72	0.74	112.9	111.7	110.5	109.3	108.1	106.9	105.7	104.5	103.3	52
54	0.63	0.65	0.67	0.69	0.71	114.9	113.7	112.5	111.4	110.2	109.1	107.9	106.8	105.6	54
56	0.61	0.62	0.64	0.66	0.68	116.8	115.7	114.5	113.4	112.3	111.2	110.1	109.0	107.9	56
58	0.58	0.59	0.61	0.63	0.65	118.7	117.6	116.5	115.4	114.3	113.2	112.2	111.1	110.1	58
60	0.55	0.57	0.58	0.60	0.62	120.5	119.4	118.3	117.3	116.3	115.2	114.2	113.2	112.2	60

						Winkel Q									
44°	.	.	.	.	.	150.2°	149.5°	148.9°	148.2°	147.5°	146.7°	145.9°	145.0°	144.1°	44°
46	.	.	.	.	.	150.7	150.0	149.4	148.7	147.9	147.1	146.3	145.4	144.5	46
48	.	.	.	.	.	151.1	150.4	149.8	149.1	148.3	147.5	146.7	145.8	144.9	48
50	.	.	.	.	.	151.4	150.7	150.1	149.4	148.6	147.8	147.0	146.1	145.2	50
52	.	.	.	.	.	151.6	151.0	150.3	149.6	148.8	148.0	147.2	146.3	145.4	52
54	.	.	.	.	.	151.8	151.1	150.5	149.7	149.0	148.2	147.3	146.4	145.5	54
56	.	.	.	.	.	151.9	151.2	150.5	149.8	149.0	148.2	147.4	146.5	145.5	56
58	.	.	.	.	.	151.9	151.2	150.5	149.8	149.0	148.2	147.4	146.5	145.5	58
60	.	.	.	.	.	151.8	151.1	150.4	149.7	148.9	148.1	147.3	146.4	145.4	60

Elemente der totalen Sonnenfinsternis 1936 Juni 19

Welt-Zeit	x	y	log sin d	log cos d	μ	$l^{(a)}$	$l^{(i)}$
h m					° ′ ″		
2 40	−1.441477	+0.655667	9.599384	9.962646	219 43 56.9	+0.540656	−0.005235
50	1.348708	0.648331	9.599387	9.962646	222 13 56.4	0.540684	0.005207
3 0	−1.255938	+0.640983	9.599389	9.962645	224 43 55.9	+0.540712	−0.005179
10	1.163166	0.633624	9.599391	9.962645	227 13 55.4	0.540739	0.005152
20	1.070392	0.626254	9.599394	9.962644	229 43 55.0	0.540766	0.005125
30	0.977617	0.618873	9.599396	9.962644	232 13 54.5	0.540792	0.005099
40	0.884841	0.611481	9.599398	9.962643	234 43 54.0	0.540818	0.005074
50	0.792065	0.604079	9.599401	9.962643	237 13 53.5	0.540842	0.005049
4 0	−0.699288	+0.596665	9.599403	9.962642	239 43 53.0	+0.540866	−0.005025
10	0.606511	0.589240	9.599405	9.962642	242 13 52.5	0.540890	0.005002
20	0.513735	0.581804	9.599408	9.962641	244 43 52.0	0.540913	0.004979
30	0.420959	0.574358	9.599410	9.962641	247 13 51.5	0.540935	0.004957
40	0.328184	0.566901	9.599412	9.962640	249 43 51.0	0.540956	0.004936
50	0.235409	0.559433	9.599415	9.962640	252 13 50.5	0.540977	0.004915
5 0	−0.142634	+0.551954	9.599417	9.962639	254 43 50.0	+0.540997	−0.004895
10	−0.049861	0.544464	9.599419	9.962639	257 13 49.6	0.541017	0.004876
20	+0.042911	0.536963	9.599421	9.962638	259 43 49.1	0.541036	0.004857
30	0.135681	0.529451	9.599423	9.962638	262 13 48.6	0.541054	0.004838
40	0.228449	0.521929	9.599425	9.962638	264 43 48.1	0.541072	0.004821
50	0.321214	0.514396	9.599428	9.962637	267 13 47.6	0.541089	0.004804
6 0	+0.413978	+0.506852	9.599430	9.962637	269 43 47.1	+0.541105	−0.004788
10	0.506738	0.499298	9.599432	9.962636	272 13 46.6	0.541121	0.004772
20	0.599495	0.491732	9.599435	9.962636	274 43 46.1	0.541136	0.004758
30	0.692250	0.484156	9.599437	9.962635	277 13 45.6	0.541150	0.004743
40	0.785001	0.476570	9.599439	9.962635	279 43 45.2	0.541164	0.004730
50	0.877748	0.468973	9.599441	9.962634	282 13 44.7	0.541177	0.004717
7 0	+0.970491	+0.461365	9.599444	9.962634	284 43 44.2	+0.541189	−0.004704
10	1.063230	0.453747	9.599446	9.962634	287 13 43.7	0.541201	0.004693
20	1.155965	0.446118	9.599449	9.962633	289 43 43.2	0.541212	0.004682
30	1.248695	0.438480	9.599451	9.962633	292 13 42.7	0.541222	0.004671
40	1.341420	0.430831	9.599453	9.962632	294 43 42.2	0.541232	0.004661
50	1.434141	0.423172	9.599456	9.962632	297 13 41.7	0.541241	0.004652
8 0	+1.526856	+0.415503	9.599458	9.962631	299 43 41.2	+0.541250	−0.004644

Welt-Zeit	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
h m				
2 0	+0.0092760	−0.0007288	7.66282	7.66065
3 0	0.0092771	0.0007353	7.66282	7.66065
4 0	0.0092777	0.0007419	7.66282	7.66065
5 0	0.0092774	0.0007484	7.66282	7.66065
6 0	0.0092762	0.0007549	7.66282	7.66065
7 0	0.0092741	0.0007613	7.66282	7.66065
8 0	+0.0092712	−0.0007674	7.66282	7.66065

III. Partielle Mondfinsternis 1936 Juli 4
unsichtbar in Berlin.

Opposition in Rektaszension	Juli 4,	$17^h\,43^m\,36^s.8$ Welt-Zeit

Rektaszension des Mondes	$18^h\,54^m\,27^s.82$
Stündliche Änderung	2 20.52
Rektaszension der Sonne	6 54 27.82
Stündliche Änderung	10.30
Deklination des Mondes	$-22^\circ\ 1'\ 11''.7$
Stündliche Änderung	+ 6 5.0
Deklination der Sonne	+22 51 26.0
Stündliche Änderung	— 13.4
Äquatorialhorizontalparallaxe des Mondes . .	$57'\ 6''.7$
„ der Sonne . . .	8.7
Halbmesser des Mondes	$15'\ 33''.0$
„ der Sonne	15 43.8

Eintritt des Mondes in den Halbschatten . .	Juli 4,	$14^h\,59^m.1$	Welt-Zeit
Eintritt des Mondes in den Kernschatten . .	„	16 26.7	„
Mitte der Finsternis	„	17 25.2	„
Austritt des Mondes aus dem Kernschatten .	„	18 23.7	„
Austritt des Mondes aus dem Halbschatten .	„	19 50.8	„

Der Mond steht zu den Zeiten der ersten und letzten Berührung mit dem Kernschatten im Zenit der Orte, deren geographische Lage ist:

246° 19′	westliche Länge von Greenwich,	22° 9′	südliche Breite
274° 29′	„ „ „ „	21° 57′	„ „

Positionswinkel des Eintritts . . . . = 138°
„ „ Austritts . . . . = 200°

Größe der Finsternis in Einheiten des Monddurchmessers . = 0.272

Der Anfang der Finsternis ist sichtbar im südlichen Eismeer, im Indischen Ozean, in Australien, im westlichen und südwestlichen Teil des Stillen Ozeans, in Asien mit Ausnahme des nördlichsten Teils und im Süden und Osten Afrikas. Das Ende ist sichtbar im südöstlichen Teil des Atlantischen Ozeans, in Afrika mit Ausnahme des nordwestlichen Teils, im Osten Europas, in Asien mit Ausnahme des nordöstlichsten Teils, in Australien, im südlichen Eismeer, im Indischen Ozean und im südwestlichen und westlichen Teil des Stillen Ozeans.

IV. Ringförmige Sonnenfinsternis 1936 Dezember 13—14 unsichtbar in Berlin.

Konjunktion in Rektaszension . . .	Dezember 13, $23^h\ 26^m\ 33^s.3$	Welt-Zeit
Rektaszension des Mondes	$17^h\ 24^m\ 20^s.43$	
Stündliche Änderung	2 13.73	
Rektaszension der Sonne	17 24 20.43	
Stündliche Änderung	11.05	
Deklination des Mondes	$-23°\ 25'\ 18''.7$	
Stündliche Änderung	+ 56.2	
Deklination der Sonne	−23 11 38.4	
Stündliche Änderung	— 9.4	
Äquatorialhorizontalparallaxe des Mondes . .	$54'\ 56''.3$	
„ der Sonne . .	8.9	
Halbmesser des Mondes	$14'\ 57''.5$	
„ der Sonne	16 15.0	

	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite
	h m	° ′	° ′
Anfang der Finsternis	Dezember 13, 20 26.7	222 36	−10 27
Beginn der zentralen Verfinsterung	„ 21 34.7	241 48	−15 21
Zentrale Verfinsterung im wahren Mittag	„ 23 26.6	173 1	−37 51
Ende der zentralen Verfinsterung	„ 14, 1 20.7	106 40	−11 14
Ende der Finsternis	„ 2 28.6	125 47	− 6 20

Größe der Finsternis in Einheiten des Sonnendurchmessers = 0.921.

Verlauf der Zentrallinie

Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite	Dauer d. ringförm. Verfinst.	Welt-Zeit	Westl. Länge v. Greenwich	Geogr. Breite	Dauer d. ringförm. Verfinst.
h m	° ′	° ′	m s	h m	° ′	° ′	m s
21 34.7	241 48	−15 21	—	23 20	175 27.1	−37 56.0	7 25.4
21 40	226 35.0	−22 18.1	5 36.0	23 40	168 3.4	−37 23.3	7 23.0
22 0	210 2.9	−29 55.0	6 14.9	0 0	160 40.9	−35 58.2	7 12.3
22 20	199 40.3	−33 53.9	6 43.1	0 20	153 5.0	−33 37.2	6 54.4
22 40	190 58.9	−36 18.4	7 4.7	0 40	144 46.6	−30 9.2	6 30.5
23 0	183 1.8	−37 35.7	7 19.2	1 0	134 28.0	−25 0.3	6 1.0
23 20	175 27.1	−37 56.0	7 25.4	1 20.7	106 40	−11 14	—

Die Finsternis ist sichtbar auf den östlichen Sunda-Inseln und den südlichen Philippinen, in Australien und in Polynesien, im südlichen Teil des Stillen Ozeans, im südlichen Eismeer und im Süden Chiles.

Elemente der ringförmigen Sonnenfinsternis 1936 Dezember 13—14

Welt-Zeit h m	x	y	log sin d	log cos d	μ ° ′ ″	$l^{(a)}$	$l^{(i)}$
20 20	—1.596782	—0.310238	9.595167*n*	9.963428	126 23 15.8	+0.569779	+0.023743
30	1.511214	0.307068	9.595175*n*	9.963427	128 53 13.7	0.569775	0.023739
40	1.425642	0.303888	9.595183*n*	9.963426	131 23 11.5	0.569771	0.023735
50	1.340067	0.300698	9.595191*n*	9.963424	133 53 9.4	0.569766	0.023731
21 0	—1.254488	—0.297499	9.595199*n*	9.963423	136 23 7.2	+0.569761	+0.023725
10	1.168906	0.294291	9.595207*n*	9.963421	138 53 5.0	0.569755	0.023720
20	1.083321	0.291073	9.595215*n*	9.963420	141 23 2.9	0.569749	0.023713
30	0.997733	0.287847	9.595223*n*	9.963418	143 53 0.7	0.569742	0.023706
40	0.912142	0.284612	9.595231*n*	9.963417	146 22 58.6	0.569734	0.023699
50	0.826549	0.281366	9.595239*n*	9.963416	148 52 56.4	0.569727	0.023691
22 0	—0.740954	—0.278111	9.595247*n*	9.963414	151 22 54.3	+0.569718	+0.023683
10	0.655356	0.274847	9.595254*n*	9.963413	153 52 52.1	0.569709	0.023674
20	0.569756	0.271573	9.595262*n*	9.963411	156 22 50.0	0.569699	0.023664
30	0.484153	0.268289	9.595270*n*	9.963410	158 52 47.8	0.569689	0.023653
40	0.398549	0.264997	9.595278*n*	9.963408	161 22 45.6	0.569678	0.023642
50	0.312944	0.261695	9.595286*n*	9.963407	163 52 43.5	0.569667	0.023631
23 0	—0.227337	—0.258384	9.595294*n*	9.963405	166 22 41.4	+0.569655	+0.023619
10	0.141730	0.255064	9.595301*n*	9.963404	168 52 39.2	0.569643	0.023607
20	—0.056122	0.251734	9.595309*n*	9.963403	171 22 37.0	0.569629	0.023594
30	+0.029487	0.248396	9.595317*n*	9.963401	173 52 34.9	0.569616	0.023580
40	0.115096	0.245048	9.595325*n*	9.963400	176 22 32.7	0.569601	0.023566
50	0.200704	0.241690	9.595333*n*	9.963398	178 52 30.6	0.569587	0.023551
0 0	+0.286314	—0.238323	9.595341*n*	9.963397	181 22 28.4	+0.569571	+0.023536
10	0.371923	0.234946	9.595348*n*	9.963395	183 52 26.2	0.569555	0.023520
20	0.457531	0.231560	9.595356*n*	9.963394	186 22 24.1	0.569538	0.023503
30	0.543139	0.228163	9.595364*n*	9.963392	188 52 21.9	0.569521	0.023486
40	0.628746	0.224757	9.595372*n*	9.963390	191 22 19.8	0.569504	0.023469
50	0.714352	0.221342	9.595380*n*	9.963389	193 52 17.6	0.569485	0.023450
1 0	+0.799957	—0.217917	9.595388*n*	9.963387	196 22 15.4	+0.569466	+0.023432
10	0.885561	0.214483	9.595395*n*	9.963386	198 52 13.3	0.569447	0.023412
20	0.971163	0.211039	9.595403*n*	9.963384	201 22 11.1	0.569426	0.023392
30	1.056764	0.207585	9.595411*n*	9.963383	203 52 9.0	0.569406	0.023372
40	1.142364	0.204122	9.595419*n*	9.963381	206 22 6.8	0.569385	0.023351
50	1.227961	0.200650	9.595427*n*	9.963380	208 52 4.7	0.569363	0.023329
2 0	+1.313555	—0.197168	9.595435*n*	9.963378	211 22 2.5	+0.569341	+0.023307
10	1.399147	0.193676	9.595442*n*	9.963377	213 52 0.4	0.569318	0.023284
20	1.484736	0.190174	9.595450*n*	9.963375	216 21 58.2	0.569295	0.023261
30	+1.570323	—0.186663	9.595458*n*	9.963374	218 51 56.0	+0.569271	+0.023237

Welt-Zeit h m	x'	y'	log tang $f^{(a)}$	log tang $f^{(i)}$
20 0	+0.0085558	+0.0003148	7.67684	7.67467
21 0	0.0085580	0.0003204	7.67684	7.67467
22 0	0.0085597	0.0003260	7.67684	7.67467
23 0	0.0085607	0.0003316	7.67684	7.67468
0 0	0.0085610	0.0003372	7.67685	7.67468
1 0	0.0085605	0.0003429	7.67685	7.67468
2 0	0.0085593	0.0003487	7.67685	7.67468
3 0	+0.0085574	+0.0003545	7.67685	7.67468

Sternbedeckungen 1936

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern: Name	Gr.	δ app.	Konjunktion in Rektaszension: Welt-Zeit	Stundenw. H	Y	x′	y′	Grenzen der Sichtbarkeit in geogr. Br.	Alter d. Mondes
Januar									
	m	° ′	d h m	h m				° °	d
136 B. Piscium	6.5	+ 9 0.5	1 19 31.0	+1 34.3	+0.8363	0.5476	+0.2351	+90 + 6	7.1
μ Arietis	5.7	+19 44.6	4 0 33.2	+4 44.3	+0.5254	0.5711	+0.1550	+76 − 2	9.3
66 Arietis	6.1	+22 35.2	4 19 36.4	−0 55.3	+0.1627	0.5792	+0.1121	+51 −16	10.1
104 B. Tauri	5.5	+23 13.7	5 3 42.2	+6 51.9	+0.3307	0.5817	+0.0922	+62 − 6	10.5
62 Tauri	6.2	+24 9.3	5 18 4.7	−3 18.8	+0.4351	0.5847	+0.0550	+70 + 3	11.1
95 Tauri	6.2	+23 58.3	6 1 48.4	+4 6.9	+0.9733	0.5852	+0.0344	+90 +36	11.4
121 Tauri	5.3	+24 0.0	6 22 51.6	+0 21.4	+1.0792	0.5826	−0.0221	+90 +45	12.3
132 Tauri	5.0	+24 32.9	7 4 22.7	+5 39.9	+0.3447	0.5809	−0.0365	+63 0	12.5
ζ¹ Cancri	5.1	+17 50.4	9 18 37.2	−6 18.8	+0.7421	0.5427	−0.1687	+90 + 8	15.1
π Leonis	4.9	+ 8 21.0	12 0 53.0	−1 42.4	+0.1598	0.5082	−0.2233	+50 −31	17.3
55 Leonis	6.0	+ 1 4.5	13 7 7.6	+3 41.5	+1.2334	0.4977	−0.2323	+90 +32	18.6
e Leonis	5.1	− 2 39.2	14 2 23.5	−1 34.0	+0.8798	0.4954	−0.2315	+88 + 6	19.4
9 G. Librae	6.5	−20 9.6	18 3 55.8	−2 49.8	+0.4479	0.5327	−0.1510	+55 −17	23.5
ϰ Aquarii	5.3	− 4 33.5	26 17 38.2	+3 23.2	+0.2452	0.5539	+0.2552	+54 −29	2.4
ϰ Piscium	4.9	+ 0 54.4	27 15 49.9	+0 49.3	+0.5119	0.5508	+0.2574	+73 −14	3.4
9 Piscium	6.4	+ 0 46.3	27 15 58.5	+0 57.6	+0.6826	0.5508	+0.2573	+89 − 5	3.4
Februar									
	m	° ′	d h m	h m				° °	d
62 Tauri	6.2	+24 9.3	1 23 48.9	+4 12.8	+0.3821	0.5790	+0.0547	+66 0	8.7
103 Tauri	5.5	+24 11.0	2 17 51.1	−2 26.2	+0.9230	0.5781	+0.0078	+90 +35	9.4
8 Geminorum	6.1	+23 59.6	3 22 13.1	+0 52.3	+0.3259	0.5698	−0.0637	+62 − 4	10.6
9 Geminorum	6.3	+23 45.9	3 22 30.0	+1 8.6	+0.5493	0.5697	−0.0644	+80 + 8	10.6
36 B. Geminorum	6.0	+23 21.9	4 2 9.0	+4 39.6	+0.7232	0.5681	−0.0730	+90 +17	10.8
ζ¹ Cancri	5.1	+17 50.4	6 2 1.6	+2 53.2	+0.7524	0.5398	−0.1668	+90 + 9	12.8
o Leonis	3.8	+10 10.9	7 22 29.7	−2 0.6	+0.4282	0.5140	−0.2164	+67 −16	14.6
13 B. Virginis	5.8	− 4 58.9	10 21 27.2	−5 1.5	+0.9198	0.4978	−0.2288	+86 + 9	17.6
75 Virginis	5.6	−15 2.2	13 4 37.3	+0 36.0	+0.3199	0.5119	−0.1904	+53 −24	19.9
40 B. Scorpii	5.4	−24 39.0	16 2 55.7	−3 19.3	+0.9792	0.5528	−0.0778	+66 +18	22.8
50 B. Scorpii	6.4	−24 33.2	16 5 18.3	−1 1.7	+0.6952	0.5543	−0.0727	+65 − 1	22.9
47 Arietis	5.8	+20 24.9	27 18 42.6	+2 13.9	+0.5411	0.5796	+0.1420	+78 0	5.0
33 Tauri	6.0	+22 59.6	28 18 33.9	+1 10.3	+0.6258	0.5824	+0.0835	+88 +11	6.0
161 B. Tauri	6.5	+23 1.4	28 20 7.9	+2 40.6	+0.7228	0.5823	+0.0795	+90 +17	6.0
315 B. Tauri	6.3	+24 29.6	29 18 28.9	+0 10.1	+0.3368	0.5800	+0.0210	+63 + 1	7.0
99 Tauri	6.0	+23 51.1	29 19 7.1	+0 46.8	+1.0174	0.5799	+0.0193	+90 +41	7.0
103 Tauri	5.5	+24 11.0	29 23 18.8	+4 49.0	+0.7317	0.5788	+0.0083	+90 +24	7.2
März									
	m	° ′	d h m	h m				° °	d
412 B. Tauri	6.0	+24 14.6	1 19 30.1	+0 14.7	+0.3230	0.5715	−0.0428	+61 − 2	8.0
13 B. Virginis	5.8	− 4 58.9	9 4 2.7	+3 21.6	+1.0398	0.4995	−0.2276	+86 +17	15.4
q Virginis	5.4	− 9 6.2	10 3 34.1	+2 14.2	+0.3823	0.5033	−0.2165	+61 −21	16.3
17 G. Librae	6.4	−20 54.5	13 0 3.8	−3 17.0	+0.8819	0.5312	−0.1398	+70 +10	19.2
18 G. Librae	6.1	−21 3.6	13 0 34.1	−2 47.6	+0.9787	0.5314	−0.1389	+69 +17	19.2
43 B. Librae	5.8	−21 7.9	13 5 28.8	+1 57.8	+0.3937	0.5340	−0.1308	+50 −19	19.4
42 Librae	5.1	−23 36.8	14 1 40.3	−2 30.2	+0.8379	0.5446	−0.0938	+67 + 8	20.3
24 Sagittarii	5.7	−24 4.9	17 5 36.1	−1 15.4	+0.6283	0.5685	+0.0801	+61 − 5	23.4
50 Sagittarii	5.6	−21 54.3	18 3 51.6	−3 48.8	+0.7109	0.5684	+0.1315	+68 − 1	24.4
284 B. Tauri	6.0	+23 12.8	27 17 49.4	+1 36.7	+1.1287	0.5914	+0.0422	+90 +48	4.5
95 Tauri	6.2	+23 58.2	27 20 28.0	+4 8.9	+0.4585	0.5907	+0.0349	+72 + 6	4.7

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern: Name	Gr.	δ app.	Konjunktion in Rektaszension: Welt-Zeit	Stundenw. H	Y	x′	y′	Grenzen der Sichtbarkeit in geogr. Br.	Alter d. Mondes
März									
	m	° ′	d h m	h m				° °	d
300 B. Tauri	6.2	+23 30.8	27 21 26.8	+5 5.4	+0.9584	0.5904	+0.0323	+90 +36	4.7
121 Tauri	5.3	+24 0.0	28 17 15.0	+0 7.2	+0.5787	0.5826	−0.0209	+83 +14	5.5
April									
	m	° ′	d h m	h m				° °	d
222 B. Cancri	6.3	+11 46.0	1 22 33.5	+1 59.5	+0.9947	0.5160	−0.2010	+90 +19	9.7
e Leonis	5.1	− 2 39.3	4 22 37.2	+0 2.4	+1.0453	0.4988	−0.2276	+88 +18	12.7
9 G. Librae	6.5	−20 9.8	9 0 23.3	−0 59.7	+1.0398	0.5308	−0.1472	+70 +21	16.8
95 B. Capricorni	6.0	−14 43.8	16 4 18.3	−3 0.4	+0.4487	0.5540	+0.2028	+61 −17	24.0
μ Geminorum	3.2	+22 32.9	25 21 6.3	+5 1.9	+0.9380	0.5806	−0.0712	+90 +31	4.4
56 Geminorum	5.2	+20 33.9	26 22 3.3	+5 4.0	+0.5401	0.5603	−0.1255	+78 + 2	5.4
Mai									
	m	° ′	d h m	h m				° °	d
75 Virginis	5.6	−15 2.4	4 23 19.8	+0 41.0	+0.6187	0.5170	−0.1862	+72 − 7	13.5
64 G. Librae	5.7	−22 10.1	7 2 18.0	+2 4.3	+0.7088	0.5438	−0.1122	+68 0	15.6
88 B. Ophiuchi	5.9	−24 59.9	9 1 3.6	−0 45.8	+0.7567	0.5616	−0.0139	+66 + 4	17.5
26 Ophiuchi	5.8	−24 53.7	9 1 8.8	−0 40.8	+0.6432	0.5616	−0.0138	+57 − 4	17.5
63 Ophiuchi	6.1	−24 52.6	10 1 2.4	−1 38.0	+0.9504	0.5640	+0.0417	+66 +17	18.5
ν^1 Sagittarii	5.0	−22 49.5	11 2 54.4	−0 41.1	+0.5917	0.5614	+0.0999	+60 − 7	19.6
ν^2 Sagittarii	5.0	−22 45.1	11 3 19.2	−0 17.2	+0.5560	0.5613	+0.1008	+57 − 9	19.6
154 B. Sagittarii	5.9	−23 15.4	11 3 42.5	+0 5.3	+1.1309	0.5612	+0.1017	+67 +31	19.7
f Sagittarii	5.1	−19 54.9	12 2 0.9	−2 23.1	+0.3729	0.5561	+0.1468	+50 −20	20.6
61 B. Capricorni	5.9	−16 21.0	13 2 30.0	−2 44.4	+0.7600	0.5496	+0.1884	+74 + 1	21.6
d Geminorum	5.2	+21 50.3	23 18 30.4	+3 47.4	+0.5073	0.5793	−0.1010	+75 + 3	2.9
h Leonis	5.3	+ 9 59.8	26 20 17.6	+3 5.9	+0.9353	0.5191	−0.2087	+90 +14	5.9
13 B. Virginis	5.8	− 4 59.0	29 23 29.8	+4 11.2	+0.6940	0.4990	−0.2217	+85 − 4	9.1
Juni									
	m	° ′	d h m	h m				° °	d
43 B. Librae	5.8	−21 8.0	3 0 12.4	+2 3.7	+0.6071	0.5399	−0.1270	+64 − 7	13.1
169 B. Librae	5.8	−22 56.1	3 19 1.0	−3 44.9	+0.5052	0.5504	−0.0923	+53 −12	13.9
42 Librae	5.1	−23 36.9	3 20 8.5	−2 39.7	+1.1456	0.5511	−0.0901	+67 +33	13.9
24 Sagittarii	5.7	−24 4.9	6 23 58.1	−1 31.1	+1.2006	0.5674	+0.0821	+66 +41	17.1
117 B. Sagittarii	5.8	−23 33.6	7 1 58.0	+0 24.5	+0.8153	0.5671	+0.0866	+67 + 7	17.2
253 B Sagittarii	6.0	−21 26.7	8 0 47.5	−1 34.8	+1.1141	0.5616	+0.1352	+69 +28	18.1
53 B. Aquarii	6.5	−13 27.9	10 0 17.9	−3 41.9	+1.1477	0.5462	+0.2108	+77 +28	20.1
6 G. Piscium	6.2	− 2 44.1	12 0 21.7	−5 12.7	+1.2302	0.5410	+0.2439	+88 +33	22.1
e Leonis	5.1	− 2 39.3	25 19 56.4	+2 44.4	+0.6044	0.5008	−0.2254	+80 − 9	6.6
83 Virginis	5.7	−15 51.8	28 20 0.6	+0 46.4	+0.2904	0.5176	−0.1771	+50 −25	9.6
9 G. Librae	6.5	−20 9.9	29 21 10.2	+1 10.0	+0.9759	0.5315	−0.1436	+70 +17	10.7
Juli									
	m	° ′	d h m	h m				° °	d
ϑ Ophiuchi	3.4	−24 56.3	3 0 44.0	+2 9.3	+0.6862	0.5690	+0.0099	+61 − 1	13.8
95 B. Capricorni	6.0	−14 43.6	6 22 33.1	−3 23.2	+0.8078	0.5547	+0.2032	+76 + 4	17.7
16 Piscium	5.6	+ 1 45.1	9 23 36.9	−4 45.4	+1.0300	0.5448	+0.2443	+90 +17	20.8
τ Arietis	5.2	+20 55.2	14 1 15.5	−6 35.1	+0.8761	0.5860	+0.1145	+90 +23	24.9
72 Tauri	5.4	+22 51.3	15 3 24.0	−5 28.3	+1.0535	0.5935	+0.0480	+90 +41	25.9
47 G. Librae	6.1	−21 47.3	27 20 32.6	+1 51.2	+0.8475	0.5372	−0.1182	+69 + 8	9.3
32 B. Scorpii	5.4	−23 47.5	28 18 37.7	−0 47.5	+0.8673	0.5495	−0.0769	+67 +11	10.2
117 B. Sagittarii	5.8	−23 33.6	31 18 7.6	−3 50.4	+0.8312	0.5714	+0.0866	+67 + 8	13.2

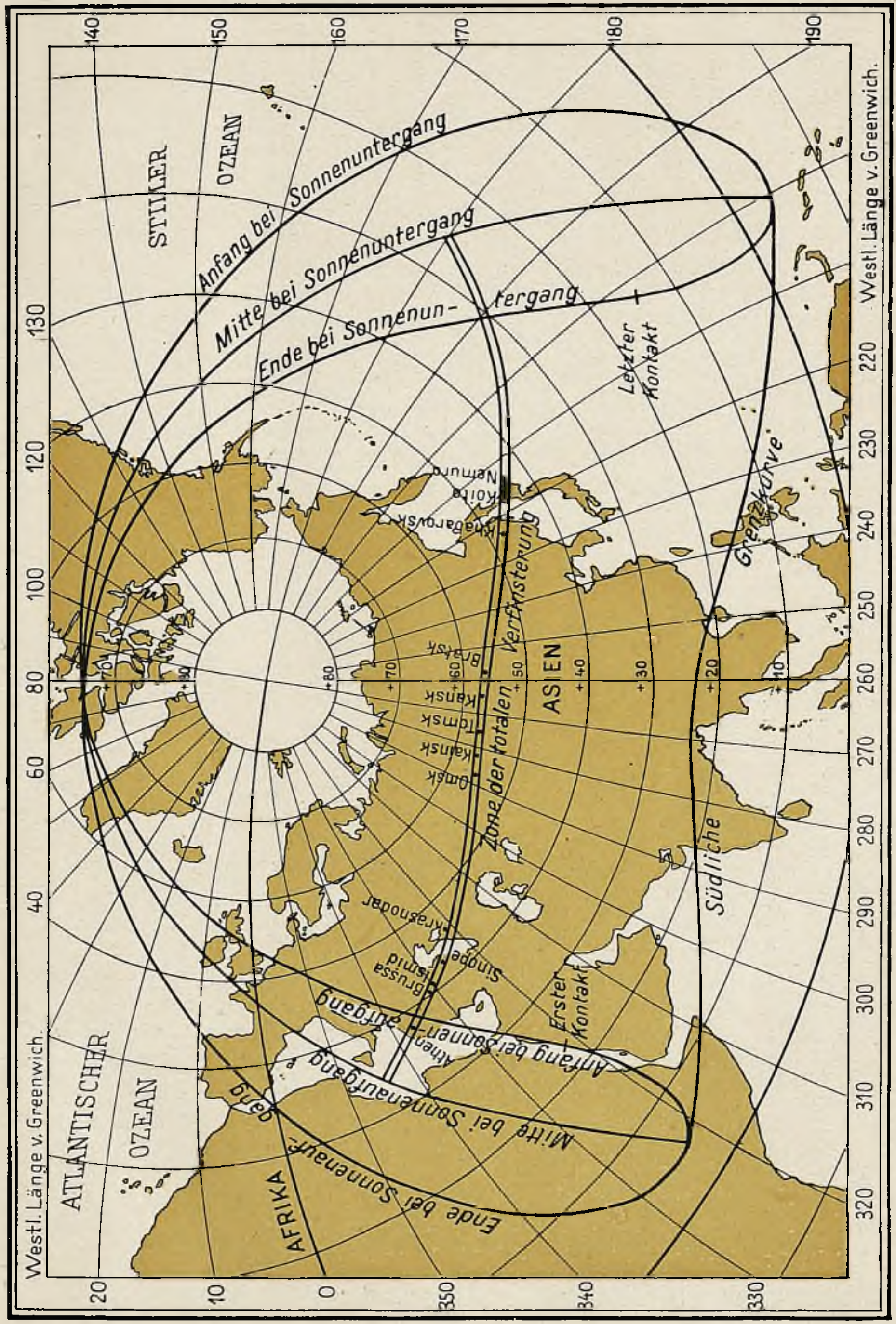
Sternbedeckungen 1936

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern			Konjunktion in Rektaszension					Grenzen der Sichtbarkeit in geogr. Br.		Alter d. Mondes
Name	Gr.	δ app.	Welt-Zeit	Stundenw. H	Y	x′	y′			
August										
	m	° ′	d h m	h m				°	°	d
ν¹ Sagittarii	5.0	−22 49.4	1 0 47.0	+2 34.5	+0.6832	0.5713	+0.1019	+66	− 2	13.4
ν² Sagittarii	5.0	−22 45.1	1 1 11.1	+2 57.6	+0.6480	0.5713	+0.1028	+64	− 4	13.4
f Sagittarii	5.1	−19 54.8	1 23 6.1	+0 4.9	+0.4669	0.5685	+0.1499	+56	−15	14.4
κ Aquarii	5.3	− 4 33.1	5 3 14.3	+1 33.8	+0.6456	0.5522	+0.2451	+83	− 6	17.5
κ Piscium	4.9	+ 0 54.7	6 1 37.8	−0 48.2	+0.6925	0.5520	+0.2477	+90	− 4	18.5
9 Piscium	6.4	+ 0 46.7	6 1 46.4	−0 39.9	+0.8628	0.5520	+0.2477	+90	+ 6	18.5
ζ Arietis	5.0	+20 48.7	10 4 5.3	−1 52.1	+0.5595	0.5824	+0.1202	+80	+ 4	22.6
1 Geminorum	4.3	+23 16.1	12 23 58.6	−8 36.7	+0.4280	0.5816	−0.0526	+69	+ 3	25.4
3 Geminorum	5.8	+23 7.5	13 2 16.6	−6 23.9	+0.4492	0.5808	−0.0582	+70	+ 4	25.5
6 Geminorum	6.3	+22 55.5	13 3 20.4	−5 22.5	+0.5952	0.5804	−0.0609	+84	+11	25.5
η Geminorum	3.3	+22 31.6	13 4 23.9	−4 21.4	+0.9432	0.5799	−0.0634	+90	+32	25.6
ζ Geminorum	3.7	+20 39.9	14 1 3.0	−8 28.2	+1.0884	0.5694	−0.1105	+90	+38	26.4
169 B. Librae	5.8	−22 56.0	24 19 16.9	+1 54.4	+0.7675	0.5415	−0.0908	+68	+ 4	7.7
ϑ Ophiuchi	3.4	−24 56.3	26 18 21.3	−0 37.5	+0.9248	0.5604	+0.0083	+66	+15	9.7
September										
	m	° ′	d h m	h m				°	°	d
19 Piscium	5.3	+ 3 8.4	2 18 51.8	−6 4.5	+0.5121	0.5621	+0.2475	+72	−13	16.7
133 B. Tauri	5.9	+22 3.3	6 23 50.4	−4 52.3	+0.5251	0.5908	+0.0868	+76	+ 5	20.9
32 Tauri	5.8	+22 17.9	7 2 34.8	−2 14.4	+0.5067	0.5909	+0.0798	+75	+ 5	21.0
d Geminorum	5.2	+21 50.2	10 1 14.0	−6 18.2	+0.2310	0.5691	−0.0971	+54	−12	24.0
g Geminorum	5.0	+18 40.0	11 1 13.1	−7 9.8	+0.6724	0.5538	−0.1435	+90	+ 7	25.0
h Leonis	5.3	+ 9 59.8	13 4 1.5	−5 59.2	+0.8759	0.5239	−0.2066	+90	+11	27.1
27 G. Scorpii	5.8	−23 31.1	21 16 50.4	+0 46.9	+0.5818	0.5452	−0.0620	+57	− 7	6.0
ν¹ Sagittarii	5.0	−22 49.4	24 19 11.1	+0 34.5	+1.0909	0.5586	+0.0974	+68	+28	9.1
ν² Sagittarii	5.0	−22 45.1	24 19 36.2	+0 58.7	+1.0542	0.5586	+0.0983	+68	+25	9.1
f Sagittarii	5.1	−19 54.8	25 18 21.2	−1 3.9	+0.8098	0.5579	+0.1441	+71	+ 6	10.1
57 Sagittarii	6.0	−19 12.3	25 20 57.1	+1 26.6	+0.4483	0.5577	+0.1490	+55	−15	10.2
61 B. Capricorni	5.9	−16 20.9	26 18 32.4	−1 43.1	+1.1000	0.5564	+0.1863	+74	+26	11.1
137 B. Capricorni	6.2	−10 51.5	27 20 59.9	−0 10.3	+0.9021	0.5560	+0.2217	+80	+10	12.2
κ Aquarii	5.3	− 4 33.1	28 23 7.5	+1 3.2	+0.6578	0.5585	+0.2429	+83	− 5	13.3
κ Piscium	4.9	+ 0 54.8	29 20 51.9	−1 58.1	+0.5900	0.5636	+0.2479	+79	− 9	14.2
16 Piscium	5.6	+ 1 45.3	30 1 0.0	+2 1.2	+0.7833	0.5649	+0.2474	+90	+ 2	14.3
Oktober										
	m	° ′	d h m	h m				°	°	d
τ Arietis	5.2	+20 55.3	3 20 31.5	−5 56.7	+0.2936	0.6006	+0.1156	+58	−10	18.2
63 Arietis	5.2	+20 31.2	3 21 7.0	−5 22.7	+0.7610	0.6006	+0.1142	+90	+16	18.2
65 Arietis	5.9	+20 35.0	3 21 45.6	−4 45.6	+0.7717	0.6007	+0.1126	+90	+17	18.2
κ Tauri	4.4	+22 9.1	4 21 3.0	−6 25.2	+1.1258	0.6011	+0.0504	+90	+48	19.2
υ Tauri	4.4	+22 40.4	4 21 24.2	−6 4.8	+0.6211	0.6010	+0.0495	+87	+14	19.2
72 Tauri	5.4	+22 51.4	4 21 46.9	−5 43.1	+0.4553	0.6010	+0.0484	+70	+ 5	19.2
284 B. Tauri	6.0	+23 12.8	5 1 18.0	−2 20.5	+0.2508	0.6003	+0.0388	+55	− 5	19.4
τ Tauri	4.3	+22 50.3	5 3 31.1	−0 12.8	+0.7085	0.5998	+0.0327	+90	+20	19.4
394 B. Tauri	6.1	+23 10.6	6 3 17.8	−1 23.3	+0.3870	0.5906	−0.0311	+65	+ 3	20.4
19 Piscium	5.3	+ 3 8.4	27 16 21.1	−4 58.8	+0.6032	0.5618	+0.2420	+80	− 7	12.3
δ Arietis	4.5	+19 29.5	31 3 24.9	+2 53.9	+1.1456	0.6082	+0.1244	+90	+43	15.7
A Tauri	4.5	+21 54.8	31 23 10.6	−2 10.2	+0.7181	0.6122	+0.0713	+90	+18	16.6
39 Tauri	6.0	+21 50.5	31 23 24.8	−1 56.6	+0.8048	0.6122	+0.0706	+90	+23	16.6

Totale Sonnenfinsternis

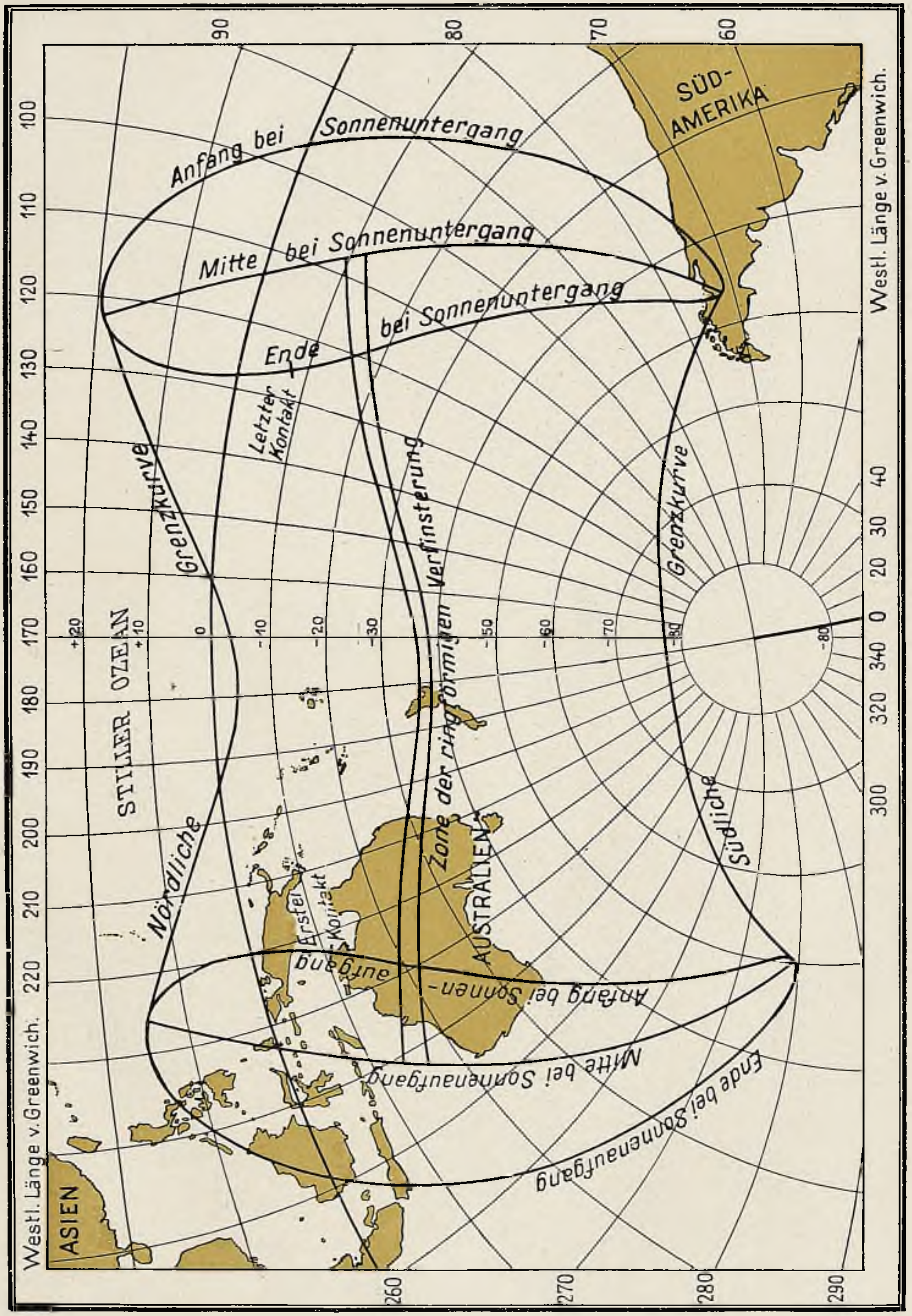
1936 Juni 19



Zu Seite 279*

Ringförmige Sonnenfinsternis

1936 Dezember 13—14



Sternbedeckungen 1936

Elemente der in Mitteleuropa sichtbaren Sternbedeckungen

Stern: Name	Gr.	δ app.	Konjunktion in Rektaszension: Welt-Zeit	Stundenw. H	Y	x'	y'	Grenzen der Sichtbarkeit in geogr. Br.	Alter d. Mondes
November									
	m	° ′	d h m	h m				° °	d
14 B. Geminorum	6.0	+22 12.1	2 22 15.1	−5 2.7	+0.6888	0.5955	−0.0595	+90 +17	18.5
η Geminorum	3.3	+22 31.6	3 0 20.4	−3 2.3	+0.2306	0.5941	−0.0648	+54 − 8	18.6
ζ Geminorum	3.7	+20 39.8	3 20 12.5	−7 56.3	+0.3780	0.5782	−0.1107	+64 − 5	19.4
370 B. Virginis	6.0	−11 18.4	11 4 17.6	−5 12.8	+0.6599	0.5108	−0.1967	+77 − 4	26.8
44 Ophiuchi	4.3	−24 7.1	16 16 21.8	+2 41.5	+0.7403	0.5549	+0.0146	+66 + 3	2.5
π Sagittarii	3.0	−21 7.5	18 15 22.8	+0 6.8	+0.4722	0.5505	+0.1109	+53 −13	4.4
c^1 Capricorni	5.3	− 9 22.3	21 16 32.1	−1 7.5	+0.3780	0.5381	+0.2152	+59 −20	7.5
c^2 Capricorni	6.2	− 9 34.0	21 17 8.4	−0 32.4	+0.7114	0.5381	+0.2157	+81 − 1	7.5
ϰ Aquarii	5.3	− 4 33.1	22 17 44.1	−0 44.3	+1.0432	0.5403	+0.2321	+86 +19	8.5
207 B. Aquarii	6.4	− 3 52.8	22 19 10.7	+0 39.5	+0.6889	0.5407	+0.2327	+86 − 3	8.6
ϰ Piscium	4.9	+ 0 54.8	23 16 48.8	−2 25.0	+0.8939	0.5473	+0.2372	+90 +10	9.5
9 Piscium	6.4	+ 0 46.7	23 16 57.6	−2 16.5	+1.0645	0.5473	+0.2372	+90 +21	9.5
16 Piscium	5.6	+ 1 45.3	23 21 10.8	+1 48.3	+1.0751	0.5491	+0.2369	+90 +22	9.7
δ Arietis	4.5	+19 29.5	27 14 46.3	−7 56.4	+1.1529	0.6071	+0.1225	+90 +44	13.4
τ Arietis	5.2	+20 55.4	27 18 22.7	−4 29.0	+0.1735	0.6088	+0.1135	+50 −16	13.6
63 Arietis	5.2	+20 31.2	27 18 57.4	−3 55.8	+0.6342	0.6091	+0.1120	+87 + 9	13.6
65 Arietis	5.9	+20 35.0	27 19 35.1	−3 19.6	+0.6423	0.6095	+0.1104	+88 +10	13.6
ϰ Tauri	4.4	+22 9.2	28 18 8.0	−5 43.8	+0.9055	0.6155	+0.0484	+90 +31	14.6
67 Tauri	5.4	+22 3.5	28 18 9.2	−5 42.7	+0.9988	0.6155	+0.0483	+90 +38	14.6
υ Tauri	4.4	+22 40.4	28 18 28.5	−5 24.2	+0.4088	0.6156	+0.0474	+66 + 3	14.6
72 Tauri	5.4	+22 51.4	28 18 50.2	−5 3.4	+0.2448	0.6156	+0.0464	+55 − 6	14.6
τ Tauri	4.3	+22 50.3	29 0 20.0	+0 12.4	+0.4749	0.6157	+0.0304	+72 + 8	14.8
Dezember									
	m	° ′	d h m	h m				° °	d
ζ Geminorum	3.7	+20 39.8	1 6 13.9	+3 53.2	+0.2598	0.5881	−0.1134	+56 −11	17.1
3 Cancri	5.8	+17 28.9	2 5 53.8	+2 40.2	+0.2662	0.5667	−0.1587	+56 −16	18.0
5 Cancri	5.9	+16 37.8	2 6 12.9	+2 58.6	+1.0926	0.5664	−0.1592	+90 +33	18.1
ω Leonis	5.5	+ 9 19.8	3 22 19.4	−6 15.4	+1.3119	0.5326	−0.2055	+85 +50	19.7
h Leonis	5.3	+ 9 59.6	4 0 2.1	−4 36.0	+0.2590	0.5314	−0.2067	+55 −23	19.8
13 B. Virginis	5.8	− 4 59.0	7 0 52.2	−5 53.2	+0.6162	0.5053	−0.2154	+79 − 7	22.8
75 Virginis	5.6	−15 2.3	9 7 14.4	−1 3.6	+0.9101	0.5164	−0.1767	+75 +12	25.1
43 H. Virginis	5.6	−17 54.4	10 4 59.0	−3 57.9	+0.5245	0.5256	−0.1506	+61 −11	26.0
231 G. Virginis	6.4	−18 17.5	10 5 48.9	−3 9.6	+0.8272	0.5260	−0.1495	+72 + 7	26.0
236 G. Virginis	5.7	−18 25.4	10 6 36.4	−2 23.5	+0.8558	0.5264	−0.1484	+72 + 9	26.1
57 Sagittarii	6.0	−19 12.4	16 16 36.6	+2 28.6	+0.9746	0.5496	+0.1471	+71 +17	2.7
51 Aquarii	5.8	− 5 9.3	19 17 3.8	+0 35.5	+0.2243	0.5355	+0.2271	+52 −28	5.7
δ Arietis	4.5	+19 29.5	25 0 32.6	+3 37.9	+1.1850	0.5972	+0.1202	+90 +47	11.0
A Tauri	4.5	+21 54.8	25 20 51.2	−0 53.1	+0.7066	0.6069	+0.0689	+90 +17	11.9
39 Tauri	6.0	+21 50.5	25 21 5.6	−0 39.2	+0.7936	0.6069	+0.0682	+90 +22	11.9
192 B. Tauri	6.2	+22 15.3	25 23 55.7	+2 3.8	+0.5661	0.6079	+0.0606	+80 +10	12.0
ϰ Tauri	4.4	+24 9.2	26 4 37.9	+6 34.3	+0.9221	0.6091	+0.0476	+90 +32	12.2
67 Tauri	5.4	+22 3.5	26 4 39.1	+6 35.4	+1.0164	0.6091	+0.0476	+90 +39	12.2
υ Tauri	4.4	+22 40.4	26 4 58.8	+6 54.3	+0.4202	0.6092	+0.0467	+67 + 3	12.2
14 B. Geminorum	6.0	+22 12.1	27 19 48.7	−3 52.7	+0.5934	0.6043	−0.0616	+83 +11	13.8
ζ Geminorum	3.7	+20 39.8	28 17 6.7	−7 25.8	+0.2591	0.5915	−0.1141	+55 −12	14.7
209 B. Cancri	6.5	+11 49.2	30 23 13.3	−3 16.2	+0.5040	0.5473	−0.2008	+72 − 9	17.0

Sternbedeckungen 1936

Ein- und Austritte für Berlin-Babelsberg

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1936		m		h m	°	m	m	d
Jan. 5	62 Tauri	6.2	E.	16 55	42	−0.2	+2.5	11.0
9	ζ¹ Cancri	5.1	A.	17 58	249	+0.2	+2.1	15.0
14	*e* Leonis	5.1	A.	2 52	280	−1.7	−0.1	19.4
27	9 Piscium	6.4	E.	16 2	72	−1.2	−0.4	3.4
27	ϰ Piscium	4.9	E.	16 3	39	−0.8	+0.6	3.4
Febr. 3	8 Geminorum	6.1	E.	22 23	47	−2.0	+1.3	10.6
3	9 Geminorum	6.3	E.	22 35	97	−1.2	−1.2	10.6
4	36 B. Geminorum	6.0	E.	2 45.5	79	−0.1	−1.3	10.8
6	ζ¹ Cancri	5.1	E.	2 32.5	89	−0.6	−1.6	12.8
7	*o* Leonis	3.8	E.	21 16.5	91	−1.3	+1.2	14.6
7	*o* Leonis	3.8	A.	22 25	327	−1.0	−1.4	14.6
16	50 B. Scorpii	6.4	A.	5 15	359	—	—	22.9
27	47 Arietis	5.8	E.	19 4.5	87	−0.8	−1.2	5.0
28	33 Tauri	6.0	E.	18 42.5	114	−1.1	−2.0	6.0
28	161 B. Tauri	6.5	E.	20 40	125	−0.3	−2.5	6.1
29	315 B. Tauri	6.3	E.	18 19	60	−1.6	+0.8	7.0
29	103 Tauri	5.5	E.	23 53.5	90	+0.1	−1.4	7.2
März 1	412 B. Tauri	6.0	E.	19 22.5	57	−1.8	+1.0	8.0
12	17 G. Librae	6.4	A.	23 50.5	269	−1.2	+1.3	19.2
13	18 G. Librae	6.1	A.	0 29.5	256	−1.7	+1.4	19.2
14	42 Librae	5.1	A.	1 40	293	−1.2	+0.5	20.3
27	300 B. Tauri	6.2	E.	22 11	142	+0.7	−2.3	4.7
April 1	222 B. Cancri	6.3	E.	23 6.5	135	−0.5	−2.1	9.8
4	*e* Leonis	5.1	E.	22 37	148	−0.9	−1.7	12.7
9	9 G. Librae	6.5	A.	1 4	272	−1.7	−0.4	16.8
25	μ Geminorum	3.2	E.	21 44	119	+0.3	−1.6	4.4
Mai 9	88 B. Ophiuchi	5.9	A.	1 30	324	−1.7	−1.0	17.6
10	63 Ophiuchi	6.1	A.	1 25	271	−1.6	+0.2	18.6
13	61 B. Capricorni	5.9	A.	2 17.5	312	−1.7	+0.2	21.6
26	*h* Leonis	5.3	E.	20 53	106	−0.4	−1.8	6.0
Juni 8	253 B. Sagittarii	6.0	A.	1 0	227	−1.3	+0.7	18.1
9	53 B. Aquarii	6.5	A.	23 48.5	227	−0.8	+1.8	20.1
11	6 G. Piscium	6.2	A.	23 31	212	−0.2	+2.1	22.1
29	9 G. Librae	6.5	E.	21 16.5	99	−1.4	−1.2	10.7
Juli 6	95 B. Capricorni	6.0	A.	22 14	299	−1.2	+0.9	17.7
9	16 Piscium	5.6	A.	23 2.5	247	−0.4	+1.8	20.8
14	τ Arietis	5.2	A.	0 40.5	258	+0.2	+1.5	24.8
27	47 G. Librae	6.1	E.	20 52.5	72	−1.0	−1.2	9.3
Aug. 6	9 Piscium	6.4	A.	2 17.5	219	−0.9	+0.9	18.5
6	ϰ Piscium	4.9	A.	2 19	252	−1.3	+0.1	18.5
13	3 Geminorum	5.8	A.	1 25	336	−0.9	−0.8	25.5
13	6 Geminorum	6.3	A.	2 47	278	−0.2	+1.2	25.5
26	ϑ Ophiuchi	3.4	A.	19 7.5	277	−1.6	−0.6	9.7
Sept. 6	133 B. Tauri	5.9	A.	23 13	311	−1.0	+0.4	20.9
7	32 Tauri	5.8	A.	2 42.5	268	−1.4	+0.6	21.0
11	*g* Geminorum	5.0	A.	0 38	277	+0.2	+1.2	24.9

Ein- und Austritte für Berlin-Babelsberg

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1936		m		h m	°	m	m	d
Sept. 24	ν¹ Sagittarii	5.0	E.	19 10	121	−1.9	−1.4	9.1
24	ν² Sagittarii	5.0	E.	19 43	119	−1.8	−1.7	9.1
25	*f* Sagittarii	5.1	E.	17 50.5	40	−1.2	+1.0	10.0
26	61 B. Capricorni	5.9	E.	17 32	91	−1.4	+0.9	11.0
27	137 B. Capricorni	6.2	E.	20 37	75	−1.4	+0.1	12.2
28	ϰ Aquarii	5.3	E.	23 16	60	−1.0	−0.2	13.3
29	ϰ Piscium	4.9	E.	20 33	351	+0.5	+3.3	14.2
Okt. 3	63 Arietis	5.2	A.	20 35	267	−0.3	+1.5	18.2
3	65 Arietis	5.9	A.	21 16	256	−0.4	+1.6	18.2
4	υ Tauri	4.4	E.	20 5.5	42	+0.5	+1.9	19.1
4	υ Tauri	4.4	A.	20 47.5	298	−0.3	+1.0	19.2
5	τ Tauri	4.3	E.	3 22	141	−1.4	−2.9	19.4
6	394 B. Tauri	6.1	A.	3 41	294	−1.4	−0.8	20.5
31	*A* Tauri	4.5	E.	22 12.5	113	−1.4	+0.2	16.5
31	*A* Tauri	4.5	A.	23 8.5	223	−0.9	+2.2	16.6
Nov. 2	14 B. Geminorum	6.0	A.	21 43.5	256	−0.3	+1.8	18.5
21	*c*² Capricorni	6.2	E.	16 52.5	34	−0.9	+1.0	7.5
22	ϰ Aquarii	5.3	E.	17 5.5	103	−1.9	−0.1	8.5
22	207 B. Aquarii	6.4	E.	19 11	60	−1.1	0.0	8.6
23	ϰ Piscium	4.9	E.	15 41	55	−0.8	+1.7	9.5
23	9 Piscium	6.4	E.	15 45.5	89	−1.2	+1.2	9.5
28	ϰ Tauri	4.4	E.	16 43.5	110	−0.1	+1.1	14.5
28	ϰ Tauri	4.4	A.	17 29	230	+0.2	+2.0	14.5
29	τ Tauri	4.3	E.	0 7	84	−1.4	−0.2	14.8
29	τ Tauri	4.3	A.	1 16.5	274	−1.1	−1.0	14.9
Dez. 3	*h* Leonis	5.3	A.	23 0.5	353	−0.5	−2.5	19.8
10	231 G. Virginis	6.4	A.	5 37.5	280	−1.2	+1.0	26.0
25	*A* Tauri	4.5	E.	20 22	128	−1.7	−1.5	11.8
26	192 B. Tauri	6.2	E.	0 14.5	92	−0.8	−1.3	12.0
30	209 B. Cancri	6.5	A.	22 57	296	−1.0	+0.3	17.0

Ein- und Austritte für Königsberg

Tag	Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1936		m		h m	°	m	m	d
Jan. 1	136 B. Piscium	6.5	E.	20 2	140	—	—	7.1
5	62 Tauri	6.2	E.	17 3.5	44	−0.4	+2.4	11.0
6	95 Tauri	6.2	E.	2 35	152	+0.8	−2.9	11.4
9	ζ¹ Cancri	5.1	A.	18 2	251	0.0	+2.2	15.1
14	*e* Leonis	5.1	A.	3 2	293	−1.4	−0.7	19.4
27	9 Piscium	6.4	E.	16 8.5	73	−1.0	−0.6	3.4
27	ϰ Piscium	4.9	E.	16 9.5	40	−0.7	+0.3	3.4
Febr. 3	9 Geminorum	6.3	E.	22 41	84	−1.1	−1.0	10.6
4	36 B. Geminorum	6.0	E.	2 42.5	69	0.0	−1.2	10.8
6	ζ¹ Cancri	5.1	E.	2 33	79	−0.5	−1.5	12.8
7	*o* Leonis	3.8	E.	21 31	75	−1.7	+1.7	14.6

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Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1936			m		h m	°	m	m	d
Febr.	7	o Leonis	3.8	A.	22 26.5	342	−0.6	−2.6	14.6
	28	33 Tauri	6.0	E.	18 46	104	−0.9	−1.7	6.0
	28	161 B. Tauri	6.5	E.	20 37	111	−0.3	−2.0	6.1
	29	315 B. Tauri	6.3	E.	18 32	48	−1.5	+1.0	7.0
	29	103 Tauri	5.5	E.	23 50	80	+0.1	−1.2	7.2
März	1	412 B. Tauri	6.0	E.	19 39	40	−1.9	+1.9	8.0
	13	17 G. Librae	6.4	A.	0 2	281	−1.2	+0.8	19.2
	13	18 G. Librae	6.1	A.	0 43.5	271	−1.5	+0.7	19.2
	14	42 Librae	5.1	A.	1 49.5	302	−1.2	+0.2	20.3
	27	300 B. Tauri	6.2	E.	22 2	129	+0.5	−1.8	4.7
April	1	222 B. Cancri	6.3	E.	23 5	125	−0.4	−2.0	9.8
	4	*e* Leonis	5.1	E.	22 40.5	136	−1.0	−1.5	12.7
	9	9 G. Librae	6.5	A.	1 14.5	278	−1.4	−0.8	16.9
	25	μ Geminorum	3.2	E.	21 38	111	+0.4	−1.5	4.4
Mai	10	63 Ophiuchi	6.1	A.	1 36	271	−1.5	−0.2	18.6
	13	61 B. Capricorni	5.9	A.	2 31.5	308	−1.9	+0.1	21.6
	26	*h* Leonis	5.3	E.	20 51.5	99	−0.3	−1.8	6.0
Juni	8	253 B. Sagittarii	6.0	A.	1 10	225	−1.1	+0.4	18.1
	9	53 B. Aquarii	6.5	A.	23 59	226	−0.9	+1.6	20.1
	11	6 G. Piscium	6.2	A.	23 38	212	−0.3	+2.0	22.1
Juli	6	95 B. Capricorni	6.0	A.	22 26	298	−1.4	+0.7	17.7
	9	16 Piscium	5.6	A.	23 10	244	−0.5	+1.7	20.8
	14	τ Arietis	5.2	A.	0 43.5	255	0.0	+1.6	24.8
Aug.	13	3 Geminorum	5.8	A.	1 30	333	−0.9	−0.5	25.5
	26	ϑ Ophiuchi	3.4	E.	17 58.5	78	−1.5	−0.1	9.6
Sept.	6	133 B. Tauri	5.9	A.	23 22	306	−1.1	+0.5	20.9
	7	32 Tauri	5.8	A.	2 54	271	−1.4	+0.3	21.0
	11	*g* Geminorum	5.0	A.	0 39.5	277	+0.1	+1.4	24.9
	25	*f* Sagittarii	5.1	E.	18 0.5	42	−1.1	+0.6	10.1
	26	61 B. Capricorni	5.9	E.	17 44.5	94	−1.4	+0.6	11.0
	27	137 B. Capricorni	6.2	E.	20 46.5	80	−1.3	−0.3	12.2
	28	κ Aquarii	5.3	E.	23 21.5	62	−0.8	−0.4	13.3
	29	κ Piscium	4.9	E.	20 38	2	−0.1	+2.3	14.2
Okt.	3	63 Arietis	5.2	A.	20 41	264	−0.4	+1.6	18.2
	3	65 Arietis	5.9	A.	21 23.5	252	−0.5	+1.6	18.2
	4	υ Tauri	4.4	E.	20 7	45	+0.3	+2.0	19.1
	4	υ Tauri	4.4	A.	20 52	294	−0.4	+1.1	19.2
	5	τ Tauri	4.3	E.	3 26	129	−1.2	−2.2	19.4
	6	394 B. Tauri	6.1	A.	3 48.5	303	−1.2	−1.5	20.5
	31	*A* Tauri	4.5	E.	22 23	113	−1.4	−0.1	16.5
	31	*A* Tauri	4.5	A.	23 20	226	−1.1	+1.8	16.6
Nov.	2	14 B. Geminorum	6.0	A.	21 50.5	256	−0.5	+1.8	18.5
	21	c^2 Capricorni	6.2	E.	17 1	39	−0.9	+0.6	7.5
	22	κ Aquarii	5.3	E.	17 19	109	−2.0	−0.7	8.5
	22	207 B. Aquarii	6.4	E.	19 18	62	−0.9	−0.3	8.6
	23	κ Piscium	4.9	E.	15 51	59	−0.9	+1.4	9.5

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Tag		Stern		Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1936				m		h m	°	m	m	d
Nov.	23	9	Piscium	6.4	E.	15 57.5	94	−1.3	+0.9	9.5
	28	ϰ	Tauri	4.4	E.	16 47	113	−0.2	+1.1	14.5
	28	ϰ	Tauri	4.4	A.	17 33	228	+0.1	+2.1	14.5
	29	τ	Tauri	4.3	E.	0 16	76	−1.2	−0.3	14.8
	29	τ	Tauri	4.3	A.	1 21	284	−0.9	−1.5	14.9
Dez.	10	231	G. Virginis	6.4	A.	5 47.5	292	−1.1	+0.5	26.0
	25	*A*	Tauri	4.5	E.	20 30.5	122	−1.5	−1.4	11.9
	25	39	Tauri	6.0	E.	21 6	157	—	—	11.9
	26	192	B. Tauri	6.2	E.	0 17	81	−0.7	−1.1	12.0
	30	209	B. Cancri	6.5	A.	23 5	306	−1.0	−0.2	17.0

Ein- und Austritte für München

Tag		Stern		Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1936				m		h m	°	m	m	d
Jan.	4	μ	Arietis	5.7	E.	1 16	74	−0.1	−2.6	9.4
	4	66	Arietis	6.1	E.	19 32	1	—	—	10.1
	5	62	Tauri	6.2	E.	16 44.5	51	−0.3	+2.2	11.0
	9	ζ¹	Cancri	5.1	A.	17 48.5	236	+0.4	+2.6	15.0
	14	*e*	Leonis	5.1	A.	2 48.5	267	−2.3	+0.3	19.4
	18	9	G. Librae	6.5	A.	3 0.5	4	—	—	23.4
Febr.	2	62	Tauri	6.2	E.	0 44	29	−1.0	+0.7	8.7
	3	8	Geminorum	6.1	E.	22 17.5	66	−1.9	+0.2	10.6
	3	9	Geminorum	6.3	E.	22 39.5	110	−1.2	−1.6	10.6
	4	36	B. Geminorum	6.0	E.	2 51	86	0.0	−1.3	10.8
	6	ζ¹	Cancri	5.1	E.	2 38.5	97	−0.6	−1.6	12.8
	7	*o*	Leonis	3.8	E.	21 11	106	−1.3	+0.6	14.6
	7	*o*	Leonis	3.8	A.	22 28	312	−1.3	−0.9	14.6
	16	50	B. Scorpii	6.4	A.	5 23	345	—	—	22.9
	27	47	Arietis	5.8	E.	19 9.5	101	−0.9	−1.7	5.0
	28	33	Tauri	6.0	E.	18 51.5	133	−1.1	−3.2	6.0
	28	161	B. Tauri	6.5	E.	20 53	144	0.0	−3.7	6.1
	29	315	B. Tauri	6.3	E.	18 14	75	−1.7	+0.3	7.0
März	1	103	Tauri	5.5	E.	0 0	99	+0.2	−1.5	7.2
	1	412	B. Tauri	6.0	E.	19 17.5	74	−1.8	+0.3	8.0
	12	17	G. Librae	6.4	A.	23 42	256	−1.6	+1.8	19.2
	13	18	G. Librae	6.1	A.	0 19.5	243	−2.2	+2.2	19.2
	14	42	Librae	5.1	A.	1 35.5	286	−1.4	+0.6	20.3
	27	95	Tauri	6.2	E.	21 14	51	−0.5	−0.4	4.7
	27	300	B. Tauri	6.2	E.	22 23	158	+1.1	−3.0	4.7
April	1	222	B. Cancri	6.3	E.	23 15	142	−0.4	−2.3	9.8
	4	*e*	Leonis	5.1	E.	22 43.5	157	−0.8	−2.0	12.7
	9	9	G. Librae	6.5	A.	1 2.5	266	−2.0	−0.2	16.8
	25	μ	Geminorum	3.2	E.	21 52	126	+0.4	−1.7	4.4
Mai	9	88	B. Ophiuchi	5.9	A.	1 32	318	−1.9	−1.1	17.6
	10	63	Ophiuchi	6.1	A.	1 21	267	−1.8	+0.3	18.6

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Ein- und Austritte für München

Tag		Stern	Größe	Phase	Welt-Zeit	P	a	b	Alter des Mondes
1936			m		h m	°	m	m	d
Mai	13	61 B. Capricorni	5.9	A.	2 14	306	−1.7	+0.2	21.6
	23	*d* Geminorum	5.2	E.	19 26	28	—	—	2.9
	26	*h* Leonis	5.3	E.	21 0	111	−0.3	−1.8	6.0
Juni	8	253 B. Sagittarii	6.0	A.	0 54.5	223	−1.4	+1.0	18.1
	9	53 B. Aquarii	6.5	A.	23 39.5	223	−0.9	+2.0	20.1
	29	9 G. Librae	6.5	E.	21 19.5	103	−1.5	−1.2	10.7
Juli	6	95 B. Capricorni	6.0	A.	22 8.5	294	−1.2	+0.9	17.7
	9	16 Piscium	5.6	A.	22 54	243	−0.4	+1.8	20.8
	14	τ Arietis	5.2	A.	0 34.5	254	+0.2	+1.4	24.8
	27	47 G. Librae	6.1	E.	20 56	77	−1.1	−1.1	9.3
Aug.	6	9 Piscium	6.4	A.	2 11.5	211	−0.9	+1.4	18.5
	6	ϰ Piscium	4.9	A.	2 16	244	−1.4	+0.4	18.5
	13	3 Geminorum	5.8	A.	1 25.5	323	−0.4	0.0	25.5
	13	6 Geminorum	6.3	A.	2 41	270	−0.2	+1.4	25.5
	26	ϑ Ophiuchi	3.4	A.	19 7.5	273	−1.8	−0.5	9.7
Sept.	6	133 B. Tauri	5.9	A.	23 9.5	302	−0.8	+0.6	20.9
	7	32 Tauri	5.8	A.	2 37	257	−1.4	+1.1	21.0
	24	ν^1 Sagittarii	5.0	E.	19 14	129	−2.5	−1.9	9.1
	24	ν^2 Sagittarii	5.0	E.	19 47.5	126	−2.3	−2.1	9.1
	25	*f* Sagittarii	5.1	E.	17 44	44	−1.4	+1.2	10.0
	25	57 Sagittarii	6.0	E.	21 50	359	+1.0	+2.7	10.2
	27	137 B. Capricorni	6.2	E.	20 34	80	−1.7	+0.2	12.2
	28	ϰ Aquarii	5.3	E.	23 15.5	70	−1.2	−0.3	13.3
	29	ϰ Piscium	4.9	E.	20 20	1	0.0	+2.8	14.1
Okt.	3	63 Arietis	5.2	A.	20 28.5	262	−0.2	+1.5	18.2
	3	65 Arietis	5.9	A.	21 9	250	−0.3	+1.7	18.2
	4	υ Tauri	4.4	A.	20 43	291	−0.2	+1.0	19.2
	5	284 B. Tauri	6.0	A.	1 6.5	318	−2.1	−1.8	19.3
	6	394 B. Tauri	6.1	A.	3 41	279	−1.7	−0.3	20.5
	31	*A* Tauri	4.5	E.	22 10.5	126	−1.7	−0.4	16.5
	31	*A* Tauri	4.5	A.	22 56	208	−0.7	+3.2	16.6
Nov.	2	14 B. Geminorum	6.0	A.	21 35	246	−0.1	+2.0	18.5
	2	η Gemin. (var.)	3.3	E.	23 11.5	35	−0.3	+3.8	18.6
	2	η Gemin. (var.)	3.3	A.	23 50.5	328	−1.6	−1.7	18.6
	21	c^2 Capricorni	6.2	E.	16 46.5	39	−1.2	+1.2	7.5
	22	ϰ Aquarii	5.3	E.	17 3	110	−2.4	−0.3	8.5
	22	207 B. Aquarii	6.4	E.	19 9	69	−1.4	−0.1	8.6
	28	ϰ Tauri	4.4	E.	16 39	116	−0.1	+0.8	14.5
	28	ϰ Tauri	4.4	A.	17 21	224	+0.3	+2.0	14.5
	29	τ Tauri	4.3	E.	0 6.5	98	−1.6	−0.7	14.8
	29	τ Tauri	4.3	A.	1 18	260	−1.4	−0.5	14.9
Dez.	3	*h* Leonis	5.3	A.	23 5	331	−0.5	−0.7	19.8
	10	231 G. Virginis	6.4	A.	5 30.5	268	−1.4	+1.4	26.0
	25	*A* Tauri	4.5	E.	20 31.5	154	—	—	11.9
	26	192 B. Tauri	6.2	E.	0 19	105	−0.8	−1.7	12.0
	30	209 B. Cancri	6.5	A.	22 53	281	−1.2	+0.8	17.0

0h Welt-Zeit	Mondbewegung			Lage des Mondäquators gegen den Erdäquator							
	☊	$L_☾$	$M_☾$	i		Δ		☊′		$\Delta-♈$	
1936	°	°	°	°		°		°		°	
Jan. −3	283.1307	307.5837	308.90	23.144	14	99.631	535	3.815	6	356.495	5
+7	282.6012	79.3476	79.55	23.158	14	99.096	534	3.821	6	356.490	5
17	282.0716	211.1116	210.20	23.172	14	98.562	534	3.827	5	356.485	4
27	281.5421	342.8756	340.85	23.186	14	98.028	534	3.832	5	356.481	5
Febr. 6	281.0126	114.6395	111.50	23.200	15	97.494	534	3.837	4	356.476	4
16	280.4830	246.4035	242.15	23.215	14	96.960	533	3.841	4	356.472	3
26	279.9535	18.1675	12.80	23.229	14	96.427	533	3.845	4	356.469	4
März 7	279.4239	149.9314	143.45	23.243	14	95.894	532	3.849	4	356.465	3
17	278.8944	281.6954	274.10	23.257	14	95.362	533	3.853	3	356.462	2
27	278.3649	53.4594	44.75	23.271	14	94.829	532	3.856	3	356.460	3
April 6	277.8353	185.2233	175.40	23.285	14	94.297	532	3.859	3	356.457	2
16	277.3058	316.9873	306.05	23.299	15	93.765	531	3.862	2	356.455	2
26	276.7762	88.7513	76.70	23.314	14	93.234	531	3.864	2	356.453	1
Mai 6	276.2467	220.5152	207.35	23.328	14	92.703	531	3.866	1	356.452	1
16	275.7172	352.2792	338.00	23.342	14	92.172	530	3.867	1	356.451	1
26	275.1876	124.0432	108.65	23.356	14	91.642	530	3.868	1	356.450	1
Juni 5	274.6581	255.8071	239.30	23.370	14	91.112	530	3.869	0	356.449	0
15	274.1286	27.5711	9.95	23.384	15	90.582	529	3.869	1	356.449	0
25	273.5990	159.3351	140.60	23.399	14	90.053	529	3.870	0	356.449	0
Juli 5	273.0695	291.0990	271.25	23.413	14	89.524	529	3.870	1	356.449	1
15	272.5399	62.8630	41.90	23.427	14	88.995	529	3.869	1	356.450	1
25	272.0104	194.6270	172.55	23.441	14	88.466	528	3.868	1	356.451	1
Aug. 4	271.4809	326.3909	303.20	23.455	15	87.938	528	3.867	1	356.452	2
14	270.9513	98.1549	73.85	23.470	14	87.410	528	3.866	2	356.454	2
24	270.4218	229.9189	204.50	23.484	14	86.882	527	3.864	2	356.456	2
Sept. 3	269.8922	1.6828	335.15	23.498	14	86.355	527	3.862	3	356.458	2
13	269.3627	133.4468	105.80	23.512	14	85.828	527	3.859	2	356.460	3
23	268.8332	265.2108	236.45	23.526	14	85.301	527	3.857	3	356.463	3
Okt. 3	268.3036	36.9747	7.10	23.540	14	84.774	526	3.854	4	356.466	3
13	267.7741	168.7387	137.75	23.554	15	84.248	527	3.850	3	356.469	3
23	267.2445	300.5027	268.40	23.569	14	83.721	525	3.847	4	356.472	4
Nov. 2	266.7150	72.2666	39.05	23.583	14	83.196	526	3.843	5	356.476	4
12	266.1855	204.0306	169.70	23.597	14	82.670	525	3.838	4	356.480	5
22	265.6559	335.7946	300.35	23.611	14	82.145	525	3.834	5	356.485	4
Dez. 2	265.1264	107.5586	71.00	23.625	14	81.620	524	3.829	6	356.489	5
12	264.5968	239.3225	201.65	23.639	14	81.096	524	3.823	5	356.494	6
22	264.0673	11.0865	332.30	23.653	14	80.572	524	3.818	6	356.500	5
32	263.5378	142.8505	102.95	23.667		80.048		3.812		356.505	

Tag		0^h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
1936		s	s	s	″	″	″			
Jan.	2	− 5.71			−101.3			8.23741		
			−1.44			+ 1.1			−165	
	3	− 7.15		−0.21	−100.2		+10.8	8.23576		− 45
			−1.65			+11.9			−210	
	4	− 8.80		+0.01	− 88.3		+11.0	8.23366		− 45
			−1.64			+22.9			−255	
	5	−10.44		+0.40	− 65.4		+ 9.7	8.23111		− 47
			−1.24			+32.6			−302	
	6	−11.68		+0.73	− 32.8		+ 6.4	8.22809		− 45
			−0.51			+39.0			−347	
	7	−12.19		+0.88	+ 6.2		+ 2.1	8.22462		− 40
			+0.37			+41.1			−387	
	8	−11.82		+0.79	+ 47.3		− 2.8	8.22075		− 28
			+1.16			+38.3			−415	
	9	−10.66		+0.53	+ 85.6		− 6.0	8.21660		− 7
			+1.69			+32.3			−422	
	10	− 8.97		+0.26	+117.9		− 7.8	8.21238		+ 17
			+1.95			+24.5			−405	
	11	− 7.02		+0.03	+142.4		− 8.2	8.20833		+ 45
			+1.98			+16.3			−360	
	12	− 5.04		−0.10	+158.7		− 7.4	8.20473		+ 75
			+1.88			+ 8.9			−285	
	13	− 3.16		−0.18	+167.6		− 6.4	8.20188		+ 99
			+1.70			+ 2.5			−186	
	14	− 1.46		−0.22	+170.1		− 5.1	8.20002		+121
			+1.48			− 2.6			− 65	
	15	+ 0.02		−0.26	+167.5		− 3.8	8.19937		+136
			+1.22			− 6.4			+ 71	
	16	+ 1.24		−0.30	+161.1		− 2.7	8.20008		+139
			+0.92			− 9.1			+210	
	17	+ 2.16		−0.35	+152.0		− 1.8	8.20218		+137
			+0.57			−10.9			+347	
	18	+ 2.73		−0.40	+141.1		− 1.6	8.20565		+121
		s	s	s	″	″	″			
Jan.	31	− 9.89			− 97.6			8.23479		
			−1.60			+22.4			−411	
Febr.	1	−11.49		+0.45	− 75.2		+ 9.9	8.23068		− 6
			−1.15			+32.3			−417	
	2	−12.64		+0.73	− 42.9		+ 6.5	8.22651		+ 8
			−0.42			+38.8			−409	
	3	−13.06		+0.87	− 4.1		+ 2.2	8.22242		+ 14
			+0.45			+41.0			−395	
	4	−12.61		+0.77	+ 36.9		− 2.2	8.21847		+ 16
			+1.22			+38.8			−379	
	5	−11.39		+0.52	+ 75.7		− 5.4	8.21468		+ 19
			+1.74			+33.4			−360	
	6	− 9.65		+0.24	+109.1		− 7.2	8.21108		+ 23
			+1.98			+26.2			−337	
	7	− 7.67		+0.03	+135.3		− 7.8	8.20771		+ 31
			+2.01			+18.4			−306	
	8	− 5.66		−0.10	+153.7		− 7.4	8.20465		+ 43
			+1.91			+11.0			−263	
	9	− 3.75		−0.19	+164.7		− 6.7	8.20202		+ 61
			+1.72			+ 4.3			−202	
	10	− 2.03		−0.21	+169.0		− 5.7	8.20000		+ 79
			+1.51			− 1.4			−123	
	11	− 0.52		−0.22	+167.6		− 4.4	8.19877		+ 97
			+1.29			− 5.8			− 26	
	12	+ 0.77		−0.24	+161.8		− 3.4	8.19851		+112
			+1.05			− 9.2			+ 86	
	13	+ 1.82		−0.26	+152.6		− 2.2	8.19937		+126
			+0.79			−11.4			+212	
	14	+ 2.61		−0.26	+141.2		− 1.6	8.20149		+130
			+0.53			−13.0			+342	
	15	+ 3.14		−0.30	+128.2		− 1.3	8.20491		+127
			+0.23			−14.3			+469	
	16	+ 3.37		−0.29	+113.9		− 1.2	8.20960		+113
		s	s	s	″	″	″			
Febr.	29	−13.84			− 51.8			8.23120		
			−0.70			+39.8			−587	
März	1	−14.54		+1.02	− 12.0		+ 2.8	8.22533		+ 36
			+0.32			+42.6			−551	
	2	−14.22		+0.90	+ 30.6		− 2.1	8.21982		+ 54
			+1.22			+40.5			−497	
	3	−13.00		+0.61	+ 71.1		− 5.5	8.21485		+ 62
			+1.83			+35.0			−435	
	4	−11.17		+0.29	+106.1		− 7.5	8.21050		+ 65
			+2.12			+27.5			−370	
	5	− 9.05		+0.04	+133.6		− 7.8	8.20680		+ 63
			+2.16			+19.7			−307	
	6	− 6.89		−0.13	+153.3		− 7.5	8.20373		+ 63
			+2.03			+12.2			−244	
	7	− 4.86		−0.22	+165.5		− 6.8	8.20129		+ 59
			+1.81			+ 5.4			−185	
	8	− 3.05		−0.24	+170.9		− 5.9	8.19944		+ 64

Tag		0h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
1936										
März	8	s − 3.05	s +1.57	s −0.24	″ +170.9	″ − 0.5	″ −5.9	8.19944	−121	+ 64
	9	− 1.48	+1.31	−0.26	+170.4	− 5.2	−4.7	8.19823	− 51	+ 70
	10	− 0.17	+1.07	−0.24	+165.2	− 9.0	−3.8	8.19772	+ 27	+ 78
	11	+ 0.90	+0.84	−0.23	+156.2	−12.0	−3.0	8.19799	+115	+ 88
	12	+ 1.74	+0.64	−0.20	+144.2	−14.0	−2.0	8.19914	+214	+ 99
	13	+ 2.38	+0.45	−0.19	+130.2	−15.4	−1.4	8.20128	+323	+109
	14	+ 2.83	+0.29	−0.16	+114.8	−16.4	−1.0	8.20451	+435	+112
	15	+ 3.12	+0.12	−0.17	+ 98.4	−17.3	−0.9	8.20886	+542	+107
	16	+ 3.24	−0.05	−0.17	+ 81.1	−18.3	−1.0	8.21428	+636	+ 94
	17	+ 3.19		−0.18	+ 62.8		−1.6	8.22064		+ 64
März	30	s −14.49	s +1.67		″ + 67.2	″ +38.1		8.22003	−600	
	31	−12.82	+2.12	s +0.45	+105.3	+30.2	″ −7.9	8.21403	−512	+ 88
April	1	−10.70	+2.25	+0.13	+135.5	+21.6	−8.6	8.20891	−416	+ 96
	2	− 8.45	+2.15	−0.10	+157.1	+13.4	−8.2	8.20475	−315	+101
	3	− 6.30	+1.94	−0.21	+170.5	+ 6.2	−7.2	8.20160	−220	+ 95
	4	− 4.36	+1.66	−0.28	+176.7	+ 0.2	−6.0	8.19940	−134	+ 86
	5	− 2.70	+1.37	−0.29	+176.9	− 4.9	−5.1	8.19806	− 54	+ 80
	6	− 1.33	+1.09	−0.28	+172.0	− 8.9	−4.0	8.19752	+ 20	+ 74
	7	− 0.24	+0.82	−0.27	+163.1	−12.3	−3.4	8.19772	+ 90	+ 70
	8	+ 0.58	+0.60	−0.22	+150.8	−14.8	−2.5	8.19862	+160	+ 70
	9	+ 1.18	+0.42	−0.18	+136.0	−16.7	−1.9	8.20022	+233	+ 73
	10	+ 1.60	+0.32	−0.10	+119.3	−18.2	−1.5	8.20255	+312	+ 79
	11	+ 1.92	+0.26	−0.06	+101.1	−19.0	−0.8	8.20567	+393	+ 81
	12	+ 2.18	+0.24	−0.02	+ 82.1	−19.5	−0.5	8.20960	+475	+ 82
	13	+ 2.42	+0.20	−0.04	+ 62.6	−19.7	−0.2	8.21435	+551	+ 76
	14	+ 2.62	+0.08	−0.12	+ 42.9	−19.9	−0.2	8.21986	+614	+ 63
	15	+ 2.70	−0.13	−0.21	+ 23.0	−20.5	−0.6	8.22600	+649	+ 35
	16	+ 2.57		−0.31	+ 2.5		−0.8	8.23249		− 7
April	28	s −11.85	s +2.12		″ +134.8	″ +25.1		8.21486	−566	
	29	− 9.73	+2.15	s +0.03	+159.9	+16.0	″ −9.1	8.20920	−456	+110
	30	− 7.58	+1.99	−0.16	+175.9	+ 7.9	−8.1	8.20464	−336	+120
Mai	1	− 5.59	+1.74	−0.25	+183.8	+ 1.1	−6.8	8.20128	−215	+121
	2	− 3.85	+1.45	−0.29	+184.9	− 4.4	−5.5	8.19913	−102	+113
	3	− 2.40	+1.14	−0.31	+180.5	− 8.8	−4.4	8.19811	− 1	+101
	4	− 1.26	+0.83	−0.31	+171.7	−12.3	−3.5	8.19810	+ 87	+ 88
	5	− 0.43	+0.56	−0.27	+159.4	−15.1	−2.8	8.19897	+161	+ 74
	6	+ 0.13	+0.33	−0.23	+144.3	−17.5	−2.4	8.20058	+224	+ 63
	7	+ 0.46	+0.19	−0.14	+126.8	−19.5	−2.0	8.20282	+278	+ 54
	8	+ 0.65	+0.14	−0.05	+107.3	−20.9	−1.4	8.20560	+325	+ 47
	9	+ 0.79	+0.18	+0.04	+ 86.4	−21.8	−0.9	8.20885	+371	+ 46
	10	+ 0.97	+0.25	+0.07	+ 64.6	−22.0	−0.2	8.21256	+414	+ 43
	11	+ 1.22	+0.28	+0.03	+ 42.6	−21.4	+0.6	8.21670	+455	+ 41
	12	+ 1.50	+0.22	−0.06	+ 21.2	−20.6	+0.8	8.22125	+490	+ 35
	13	+ 1.72	+0.03	−0.19	+ 0.6	−19.7	+0.9	8.22615	+510	+ 20
	14	+ 1.75	−0.28	−0.31	− 19.1	−18.6	+1.1	8.23125	+506	− 4
	15	+ 1.47		−0.43	− 37.7		+1.6	8.23631		− 34

Mondkrater Mösting A. 1936

Tag		0h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$			$\delta_{☾} - \delta_k$			log sin p_k		
1936										
Mai	28	−6.38s	+1.74s		+187.6"	+ 3.2"		8.20525	−339	
	29	−4.64	+1.49	−0.25s	+190.8	− 3.2	− 6.4"	8.20186	−208	+131
	30	−3.15	+1.21	−0.28	+187.6	− 8.1	− 4.9	8.19978	− 77	+131
	31	−1.94	+0.90	−0.31	+179.5	−11.9	− 3.8	8.19901	+ 45	+122
Juni	1	−1.04	+0.60	−0.30	+167.6	−15.0	− 3.1	8.19946	+151	+106
	2	−0.44	+0.32	−0.28	+152.6	−17.7	− 2.7	8.20097	+240	+ 89
	3	−0.12	+0.11	−0.21	+134.9	−19.8	− 2.1	8.20337	+305	+ 65
	4	−0.01	−0.01	−0.12	+115.1	−21.7	− 1.9	8.20642	+350	+ 45
	5	−0.02	−0.02	−0.01	+ 93.4	−23.2	− 1.5	8.20992	+376	+ 26
	6	−0.04	+0.05	+0.07	+ 70.2	−24.1	− 0.9	8.21368	+387	+ 11
	7	+0.01	+0.13	+0.08	+ 46.1	−24.1	0.0	8.21755	+388	+ 1
	8	+0.14	+0.18	+0.05	+ 22.0	−23.2	+ 0.9	8.22143	+381	− 7
	9	+0.32	+0.11	−0.07	− 1.2	−21.6	+ 1.6	8.22524	+370	− 11
	10	+0.43	−0.07	−0.18	− 22.8	−19.3	+ 2.3	8.22894	+352	− 18
	11	+0.36	−0.36	−0.29	− 42.1	−16.3	+ 3.0	8.23246	+327	− 25
	12	0.00	−0.78	−0.42	− 58.4	−12.5	+ 3.8	8.23573	+289	− 38
	13	−0.78		−0.49	− 70.9		+ 5.0	8.23862		− 57
Juni	27	−2.31s	+0.99s		+184.0"	−11.3"		8.20033	− 49	
	28	−1.32	+0.71	−0.28s	+172.7	−14.6	− 3.3"	8.19984	+ 87	+136
	29	−0.61	+0.44	−0.27	+158.1	−17.2	− 2.6	8.20071	+211	+124
	30	−0.17	+0.20	−0.24	+140.9	−19.2	− 2.0	8.20282	+316	+105
Juli	1	+0.03	+0.01	−0.19	+121.7	−21.1	− 1.9	8.20598	+396	+ 80
	2	+0.04	−0.10	−0.11	+100.6	−22.9	− 1.8	8.20994	+445	+ 49
	3	−0.06	−0.14	−0.04	+ 77.7	−24.3	− 1.4	8.21439	+464	+ 19
	4	−0.20	−0.11	+0.03	+ 53.4	−25.3	− 1.0	8.21903	+453	− 11
	5	−0.31	−0.08	+0.03	+ 28.1	−25.4	− 0.1	8.22356	+415	− 38
	6	−0.39	−0.11	−0.03	+ 2.7	−24.4	+ 1.0	8.22771	+358	− 57
	7	−0.50	−0.23	−0.12	− 21.7	−22.3	+ 2.1	8.23129	+289	− 69
	8	−0.73	−0.44	−0.21	− 44.0	−18.9	+ 3.4	8.23418	+219	− 70
	9	−1.17	−0.74	−0.30	− 62.9	−14.1	+ 4.8	8.23637	+149	− 70
	10	−1.91	−1.11	−0.37	− 77.0	− 8.0	+ 6.1	8.23786	+ 85	− 64
	11	−3.02	−1.51	−0.40	− 85.0	− 0.2	+ 7.8	8.23871	+ 23	− 62
	12	−4.53	−1.86	−0.35	− 85.2	+ 9.2	+ 9.4	8.23894	− 39	− 62
	13	−6.39		−0.13	− 76.0		+10.5	8.23855		− 65
Juli	26	−0.71s	+0.60s		+161.1"	−16.9"		8.19993	+121	
	27	−0.11	+0.41	−0.19s	+144.2	−18.9	− 2.0"	8.20114	+257	+136
	28	+0.30	+0.23	−0.18	+125.3	−20.3	− 1.4	8.20371	+377	+120
	29	+0.53	+0.07	−0.16	+105.0	−21.5	− 1.2	8.20748	+477	+100
	30	+0.60	−0.04	−0.11	+ 83.5	−22.6	− 1.1	8.21225	+543	+ 66
	31	+0.56	−0.13	−0.09	+ 60.9	−23.7	− 1.1	8.21768	+572	+ 29
Aug.	1	+0.43	−0.23	−0.10	+ 37.2	−24.7	− 1.0	8.22340	+558	− 14
	2	+0.20	−0.35	−0.12	+ 12.5	−25.1	− 0.4	8.22898	+498	− 60
	3	−0.15		−0.16	− 12.6		+ 0.6	8.23396		− 96

Tag		0^h Welt-Zeit								
		$\alpha_☾ - \alpha_k$			$\delta_☾ - \delta_k$			log sin p_k		
1936		s	s	s	"	"	"			
Aug.	3	− 0.15	−0.51	−0.16	− 12.6	−24.5	+ 0.6	8.23396	+402	− 96
	4	− 0.66	−0.74	−0.23	− 37.1	−22.4	+ 2.1	8.23798	+279	−123
	5	− 1.40	−1.03	−0.29	− 59.5	−18.1	+ 4.3	8.24077	+148	−131
	6	− 2.43	−1.37	−0.34	− 77.6	−11.6	+ 6.5	8.24225	+ 19	−129
	7	− 3.80	−1.70	−0.33	− 89.2	− 2.8	+ 8.8	8.24244	− 93	−112
	8	− 5.50	−1.94	−0.24	− 92.0	+ 7.7	+10.5	8.24151	−184	− 91
	9	− 7.44	−2.00	−0.06	− 84.3	+19.0	+11.3	8.23967	−250	− 66
	10	− 9.44	−1.71	+0.29	− 65.3	+29.8	+10.8	8.23717	−297	− 47
	11	−11.15		+0.64	− 35.5		+ 8.3	8.23420		− 33
		s	s	s	"	"	"			
Aug.	25	+ 0.69	+0.38		+107.1	−21.0		8.20345	+408	
	26	+ 1.07	+0.29	−0.09	+ 86.1	−21.2	− 0.2	8.20753	+523	+115
	27	+ 1.36	+0.18	−0.11	+ 64.9	−21.3	− 0.1	8.21276	+613	+ 90
	28	+ 1.54	+0.02	−0.16	+ 43.6	−21.6	− 0.3	8.21889	+664	+ 51
	29	+ 1.56	−0.22	−0.24	+ 22.0	−22.3	− 0.7	8.22553	+665	+ 1
	30	+ 1.34	−0.52	−0.30	− 0.3	−22.9	− 0.6	8.23218	+613	− 52
	31	+ 0.82	−0.87	−0.35	− 23.2	−22.8	+ 0.1	8.23831	+503	−110
Sept.	1	− 0.05	−1.28	−0.41	− 46.0	−20.9	+ 1.9	8.24334	+348	−155
	2	− 1.33	−1.71	−0.43	− 66.9	−16.3	+ 4.6	8.24682	+165	−183
	3	− 3.04	−2.12	−0.41	− 83.2	− 8.3	+ 8.0	8.24847	− 26	−191
	4	− 5.16	−2.43	−0.31	− 91.5	+ 2.9	+11.2	8.24821	−199	−173
	5	− 7.59	−2.48	−0.05	− 88.6	+15.9	+13.0	8.24622	−336	−137
	6	−10.07	−2.15	+0.33	− 72.7	+28.7	+12.8	8.24286	−433	− 97
	7	−12.22	−1.39	+0.76	− 44.0	+38.6	+ 9.9	8.23853	−487	− 54
	8	−13.61	−0.38	+1.01	− 5.4	+43.6	+ 5.0	8.23366	−503	− 16
	9	−13.99		+0.99	+ 38.2		− 0.5	8.22863		+ 9
		s	s	s	"	"	"			
Sept.	24	+ 1.89	+0.48		+ 45.7	−19.4		8.21191	+622	
	25	+ 2.37	+0.27	−0.21	+ 26.3	−18.8	+ 0.6	8.21813	+695	+ 73
	26	+ 2.64	−0.06	−0.33	+ 7.5	−18.6	+ 0.2	8.22508	+727	+ 32
	27	+ 2.58	−0.51	−0.45	− 11.1	−19.0	− 0.4	8.23235	+702	− 25
	28	+ 2.07	−1.03	−0.52	− 30.1	−19.2	− 0.2	8.23937	+614	− 88
	29	+ 1.04	−1.62	−0.59	− 49.3	−17.5	+ 1.7	8.24551	+461	−153
	30	− 0.58	−2.23	−0.61	− 66.8	−12.8	+ 4.7	8.25012	+262	−199
Okt.	1	− 2.81	−2.79	−0.56	− 79.6	− 3.9	+ 8.9	8.25274	+ 31	−231
	2	− 5.60	−3.09	−0.30	− 83.5	+ 8.9	+12.8	8.25305	−195	−226
	3	− 8.69	−2.95	+0.14	− 74.6	+23.7	+14.8	8.25110	−392	−197
	4	−11.64	−2.24	+0.71	− 50.9	+36.8	+13.1	8.24718	−536	−144
	5	−13.88	−1.10	+1.14	− 14.1	+44.8	+ 8.0	8.24182	−621	− 85
	6	−14.98	+0.15	+1.25	+ 30.7	+46.1	+ 1.3	8.23561	−651	− 30
	7	−14.83	+1.14	+0.99	+ 76.8	+41.5	− 4.6	8.22910	−632	+ 19
	8	−13.69		+0.60	+118.3		− 8.1	8.22278		+ 50

Tag		0^h Welt-Zeit								
		$\alpha_{☾} - \alpha_k$ (s)			$\delta_{☾} - \delta_k$ (″)			log sin p_k		
1936										
Okt.	23	+ 2.61			+ 8.7			8.21675		
	24	+ 3.13	+0.52	−0.38	− 7.4	−16.1	+ 1.2	8.22322	+647	+ 53
	25	+ 3.27	+0.14	−0.50	− 22.3	−14.9	+ 0.5	8.23022	+700	+ 8
	26	+ 2.91	−0.36	−0.60	− 36.7	−14.4	+ 0.5	8.23730	+708	− 49
	27	+ 1.95	−0.96	−0.69	− 50.6	−13.9	+ 1.7	8.24389	+659	−111
	28	+ 0.30	−1.65	−0.76	− 62.8	−12.2	+ 4.8	8.24937	+548	−176
	29	− 2.11	−2.41	−0.66	− 70.2	− 7.4	+ 9.1	8.25309	+372	−223
	30	− 5.18	−3.07	−0.33	− 68.5	+ 1.7	+13.3	8.25458	+149	−246
	31	− 8.58	−3.40	+0.26	− 53.5	+15.0	+14.9	8.25361	− 97	−233
Nov.	1	−11.72	−3.14	+0.94	− 23.6	+29.9	+12.2	8.25031	−330	−194
	2	−13.92	−2.20	+1.33	+ 18.5	+42.1	+ 5.7	8.24507	−524	−130
	3	−14.79	−0.87	+1.27	+ 66.3	+47.8	− 2.1	8.23853	−654	− 66
	4	−14.39	+0.40	+0.91	+112.0	+45.7	− 7.3	8.23133	−720	− 2
	5	−13.08	+1.31	+0.46	+150.4	+38.4	−10.2	8.22411	−722	+ 46
	6	−11.31	+1.77	+0.10	+178.6	+28.2	−10.4	8.21735	−676	+ 83
	7	− 9.44	+1.87	−0.11	+196.4	+17.8	− 9.7	8.21142	−593	+101
Nov.	22	+ 3.01			− 35.2			8.22798		
	23	+ 2.78	−0.23	−0.60	− 45.4	−10.2	+ 1.8	8.23405	+607	− 15
	24	+ 1.95	−0.83	−0.68	− 53.8	− 8.4	+ 2.8	8.23997	+592	− 64
	25	+ 0.44	−1.51	−0.75	− 59.4	− 5.6	+ 5.3	8.24525	+528	−122
	26	− 1.82	−2.26	−0.63	− 59.7	− 0.3	+ 8.9	8.24931	+406	−175
	27	− 4.71	−2.89	−0.28	− 51.1	+ 8.6	+12.6	8.25162	+231	−210
	28	− 7.88	−3.17	+0.33	− 29.9	+21.2	+13.1	8.25183	+ 21	−221
	29	−10.72	−2.84	+0.95	+ 4.4	+34.3	+10.0	8.24983	−200	−209
	30	−12.61	−1.89	+1.27	+ 48.7	+44.3	+ 2.8	8.24574	−409	−166
Dez.	1	−13.23	−0.62	+1.10	+ 95.8	+47.1	− 4.1	8.23999	−575	−106
	2	−12.75	+0.48	+0.73	+138.8	+43.0	− 8.9	8.23318	−681	− 41
	3	−11.54	+1.21	+0.33	+172.9	+34.1	−11.0	8.22596	−722	+ 19
	4	−10.00	+1.54	+0.05	+196.0	+23.1	−10.8	8.21893	−703	+ 66
	5	− 8.41	+1.59	−0.12	+208.3	+12.3	− 9.4	8.21256	−637	+102
	6	− 6.94	+1.47	−0.21	+211.2	+ 2.9	− 8.0	8.20721	−535	+120
	7	− 5.68	+1.26	−0.23	+206.1	− 5.1	− 6.4	8.20306	−415	+131
Dez.	21	+ 1.53			− 56.3			8.23240		
	22	+ 0.68	−0.85	−0.58	− 59.5	− 3.2	+ 4.3	8.23662	+422	− 37
	23	− 0.75	−1.43	−0.58	− 58.4	+ 1.1	+ 6.7	8.24047	+385	− 72
	24	− 2.76	−2.01	−0.40	− 50.6	+ 7.8	+ 9.2	8.24360	+313	−111
	25	− 5.17	−2.41	−0.10	− 33.6	+17.0	+10.4	8.24562	+202	−146
	26	− 7.68	−2.51	+0.46	− 6.2	+27.4	+10.2	8.24618	+ 56	−164
	27	− 9.73	−2.05	+0.87	+ 31.4	+37.6	+ 6.0	8.24510	−108	−174
	28	−10.91	−1.18	+0.98	+ 75.0	+43.6	0.0	8.24228	−282	−157
	29	−11.11	−0.20	+0.79	+118.6	+43.6	− 5.8	8.23789	−439	−120
	30	−10.52	+0.59	+0.47	+156.4	+37.8	− 9.3	8.23230	−559	− 69
	31	− 9.46	+1.06	+0.18	+184.9	+28.5	−10.6	8.22602	−628	− 14

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT I

	h	m	
Jan. 1	5	34.4	E.
3	0	2.9	E.
4	18	31.4	E.
6	12	59.9	E.
8	7	28.4	E.
10	1	56.9	E.
11	20	25.3	E.
13	14	53.9	E.
15	9	22.3	E.
17	3	50.8	E.
18	22	19.2	E.
20	16	47.7	E.
22	11	16.1	E.
24	5	44.6	E.
26	0	13.0	E.
27	18	41.5	E.
29	13	9.8	E.
31	7	38.3	E.
Febr. 2	2	6.7	E.
3	20	35.1	E.
5	15	3.5	E.
7	9	32.0	E.
9	4	0.3	E.
10	22	28.7	E.
12	16	57.1	E.
14	11	25.5	E.
16	5	53.9	E.
18	0	22.3	E.
19	18	50.6	E.
21	13	19.0	E.
23	7	47.3	E.
25	2	15.8	E.
26	20	44.1	E.
28	15	12.5	E.
März 1	9	40.8	E.
3	4	9.2	E.
4	22	37.5	E.
6	17	5.9	E.
8	11	34.2	E.
10	6	2.6	E.
12	0	30.9	E.
13	18	59.3	E.
15	13	27.5	E.
17	7	55.9	E.
19	2	24.2	E.
20	20	52.6	E.
22	15	20.9	E.
24	9	49.2	E.

TRABANT I

	h	m	
März 26	4	17.5	E.
27	22	45.9	E.
29	17	14.2	E.
31	11	42.5	E.
April 2	6	10.8	E.
4	0	39.2	E.
5	19	7.5	E.
7	13	35.9	E.
9	8	4.2	E.
11	2	32.5	E.
12	21	0.8	E.
14	15	29.2	E.
16	9	57.5	E.
18	4	25.9	E.
19	22	54.2	E.
21	17	22.5	E.
23	11	50.8	E.
25	6	19.2	E.
27	0	47.5	E.
28	19	15.9	E.
30	13	44.3	E.
Mai 2	8	12.7	E.
4	2	41.0	E.
5	21	9.4	E.
7	15	37.7	E.
9	10	6.1	E.
11	4	34.5	E.
12	23	2.8	E.
14	17	31.2	E.
16	11	59.6	E.
18	6	28.0	E.
20	0	56.4	E.
21	19	24.8	E.
23	13	53.2	E.
25	8	21.7	E.
27	2	50.1	E.
28	21	18.5	E.
30	15	46.9	E.
Juni 1	10	15.4	E.
3	4	43.8	E.
4	23	12.3	E.
6	17	40.7	E.
8	12	9.2	E.
10	6	37.7	E.
12	3	18.1	A.
13	21	46.6	A.
15	16	15.1	A.
17	10	43.6	A.

TRABANT I

	h	m	
Juni 19	5	12.1	A.
20	23	40.6	A.
22	18	9.2	A.
24	12	37.8	A.
26	7	6.3	A.
28	1	34.9	A.
29	20	3.4	A.
Juli 1	14	32.0	A.
3	9	0.5	A.
5	3	29.1	A.
6	21	57.7	A.
8	16	26.3	A.
10	10	54.9	A.
12	5	23.5	A.
13	23	52.2	A.
15	18	20.8	A.
17	12	49.4	A.
19	7	18.0	A.
21	1	46.6	A.
22	20	15.3	A.
24	14	43.9	A.
26	9	12.6	A.
28	3	41.3	A.
29	22	9.9	A.
31	16	38.6	A.
Aug. 2	11	7.2	A.
4	5	35.9	A.
6	0	4.6	A.
7	18	33.3	A.
9	13	2.0	A.
11	7	30.7	A.
13	1	59.4	A.
14	20	28.1	A.
16	14	56.8	A.
18	9	25.5	A.
20	3	54.2	A.
21	22	22.9	A.
23	16	51.6	A.
25	11	20.4	A.
27	5	49.1	A.
29	0	17.8	A.
30	18	46.6	A.
Sept. 1	13	15.3	A.
3	7	44.0	A.
5	2	12.8	A.
6	20	41.5	A.
8	15	10.3	A.
10	9	39.0	A.

TRABANT I

	h	m	
Sept. 12	4	7.7	A.
13	22	36.5	A.
15	17	5.2	A.
17	11	34.0	A.
19	6	2.7	A.
21	0	31.5	A.
22	19	0.2	A.
24	13	29.0	A.
26	7	57.7	A.
28	2	26.5	A.
29	20	55.3	A.
Okt. 1	15	24.0	A.
3	9	52.8	A.
5	4	21.5	A.
6	22	50.3	A.
8	17	19.0	A.
10	11	47.8	A.
12	6	16.5	A.
14	0	45.3	A.
15	19	14.0	A.
17	13	42.8	A.
19	8	11.5	A.
21	2	40.3	A.
22	21	9.0	A.
24	15	37.8	A.
26	10	6.5	A.
28	4	35.3	A.
29	23	4.0	A.
31	17	32.8	A.
Nov. 2	12	1.5	A.
4	6	30.3	A.
6	0	59.0	A.
7	19	27.7	A.
9	13	56.4	A.
11	8	25.2	A.
13	2	53.9	A.
14	21	22.7	A.
16	15	51.3	A.
18	10	20.1	A.
20	4	48.8	A.
21	23	17.6	A.
23	17	46.2	A.
25	12	15.0	A.
27	6	43.7	A.
29	1	12.4	A.
30	19	41.1	A.

Jupitertrabanten 1936

Verfinsterungen: E. Eintritte, A. Austritte (in Welt-Zeit)

TRABANT II

		h	m	
Jan.	0	9	36.1	E.
	3	22	52.7	E.
	7	12	9.3	E.
	11	1	25.9	E.
	14	14	42.5	E.
	18	3	59.0	E.
	21	17	15.6	E.
	25	6	32.1	E.
	28	19	48.7	E.
Febr.	1	9	5.3	E.
	4	22	21.9	E.
	8	11	38.5	E.
	12	0	55.1	E.
	15	14	11.7	E.
	19	3	28.4	E.
	22	16	45.0	E.
	26	6	1.7	E.
	29	19	18.4	E.
März	4	8	35.2	E.
	7	21	52.0	E.
	11	11	8.8	E.
	15	0	25.7	E.
	18	13	42.5	E.
	22	2	59.5	E.
	25	16	16.4	E.
	29	5	33.5	E.
April	1	18	50.5	E.
	5	8	7.8	E.
	8	21	24.8	E.
	12	10	42.2	E.
	15	23	59.3	E.
	19	13	16.8	E.
	23	2	34.0	E.
	26	15	51.7	E.
	30	5	9.0	E.
Mai	3	18	26.9	E.
	7	7	44.2	E.
	10	21	2.2	E.
	14	10	19.6	E.
	17	23	37.8	E.
	21	12	55.3	E.
	25	2	13.6	E.
	28	15	31.3	E.
Juni	1	4	49.8	E.
	4	18	7.6	E.
	8	7	26.2	E.
	11	23	24.9	A.
	15	12	43.8	A.

TRABANT II

		h	m	
Juni	19	2	1.9	A.
	22	15	21.0	A.
	26	4	39.2	A.
	29	17	58.4	A.
Juli	3	7	16.7	A.
	6	20	36.0	A.
	10	9	54.3	A.
	13	23	13.7	A.
	17	12	32.1	A.
	21	1	51.5	A.
	24	15	10.0	A.
	28	4	29.4	A.
	31	17	47.9	A.
Aug.	4	7	7.4	A.
	7	20	26.0	A.
	11	9	45.4	A.
	14	23	4.0	A.
	18	12	23.4	A.
	22	1	42.0	A.
	25	15	1.4	A.
	29	4	20.0	A.
Sept.	1	17	39.4	A.
	5	6	57.9	A.
	8	20	17.2	A.
	12	9	35.8	A.
	15	22	55.0	A.
	19	12	13.5	A.
	23	1	32.7	A.
	26	14	51.1	A.
	30	4	10.2	A.
Okt.	3	17	28.5	A.
	7	6	47.5	A.
	10	20	5.8	A.
	14	9	24.6	A.
	17	22	42.9	A.
	21	12	1.6	A.
	25	1	19.8	A.
	28	14	38.3	A.
Nov.	1	3	56.4	A.
	4	17	14.8	A.
	8	6	32.9	A.
	11	19	51.2	A.
	15	9	9.1	A.
	18	22	27.2	A.
	22	11	45.1	A.
	26	1	3.1	A.
	29	14	20.8	A.

TRABANT III

		h	m	
Jan.	4	2	50.4	E.
	4	5	5.9	A.
	11	6	48.0	E.
	11	9	4.5	A.
	18	10	45.7	E.
	18	13	3.1	A.
	25	14	43.3	E.
	25	17	1.6	A.
Febr.	1	18	41.6	E.
	1	21	0.9	A.
	8	22	39.2	E.
	9	0	59.5	A.
	16	2	36.9	E.
	16	4	58.3	A.
	23	6	34.2	E.
	23	8	56.6	A.
März	1	10	31.3	E.
	1	12	54.8	A.
	8	14	28.7	E.
	8	16	53.1	A.
	15	18	25.9	E.
	15	20	51.4	A.
	22	22	23.9	E.
	23	0	50.4	A.
	30	2	21.4	E.
	30	4	48.9	A.
April	6	6	19.0	E.
	6	8	47.5	A.
	13	10	16.2	E.
	13	12	45.8	A.
	20	14	13.4	E.
	20	16	44.1	A.
	27	18	11.0	E.
	27	20	42.7	A.
Mai	4	22	8.5	E.
	5	0	41.3	A.
	12	2	6.8	E.
	12	4	40.7	A.
	19	6	4.7	E.
	26	10	2.8	E.
Juni	2	14	0.6	E.
	9	17	58.5	E.
	17	0	35.9	A.
	24	4	35.3	A.
Juli	1	8	35.5	A.
	8	12	35.4	A.
	15	13	51.8	E.
	15	16	35.3	A.

TRABANT III

		h	m	
Juli	22	17	50.5	E.
	22	20	35.1	A.
	29	21	49.3	E.
	30	0	34.8	A.
Aug.	6	1	48.4	E.
	6	4	35.0	A.
	13	5	47.4	E.
	13	8	35.1	A.
	20	9	47.3	E.
	20	12	36.0	A.
	27	13	46.6	E.
	27	16	36.3	A.
Sept.	3	17	46.0	E.
	3	20	36.8	A.
	10	21	45.2	E.
	11	0	37.0	A.
	18	1	44.3	E.
	18	4	37.2	A.
	25	5	43.8	E.
	25	8	37.7	A.
Okt.	2	9	43.1	E.
	2	12	38.1	A.
	9	13	43.1	E.
	9	16	39.2	A.
	16	17	42.6	E.
	16	20	39.6	A.
	23	21	42.0	E.
	24	0	40.1	A.
	31	1	41.2	E.
	31	4	40.3	A.
Nov.	7	5	40.3	E.
	7	8	40.4	A.
	14	12	40.8	A.
	21	16	41.0	A.
	28	20	41.8	A.

TRABANT IV

wird nicht verfinstert.

0h Welt-Zeit		α	β	p_α	a	b	U′	B′	P′
1936									
		"	"	"	"	"	°	°	°
Jan.	−1	16.37	14.70	+0.03	36.88	+4.85	173.887	+5.331	+27.912
	+7	16.20	14.54	0.02	36.49	4.59	174.120	5.216	27.925
	15	16.05	14.40	0.02	36.15	4.32	174.353	5.102	27.938
	23	15.92	14.28	0.01	35.86	4.04	174.586	4.987	27.950
	31	15.81	14.18	0.01	35.61	3.76	174.819	4.872	27.961
Febr.	8	15.73	14.10	+0.01	35.42	+3.48	175.052	+4.757	+27.972
	16	15.66	14.05	0.00	35.28	3.19	175.285	4.642	27.983
	24	15.62	14.02	0.00	35.20	2.90	175.519	4.527	27.993
März	3	15.61	14.00	0.00	35.17	2.62	175.752	4.412	28.003
	11	15.62	14.00	0.00	35.19	2.35	175.986	4.296	28.012
	19	15.66	14.03	0.00	35.27	+2.08	176.219	+4.181	+28.021
	27	15.72	14.08	0.00	35.40	1.82	176.453	4.065	28.029
April	4	15.80	14.15	−0.01	35.58	1.57	176.686	3.949	28.036
	12	15.91	14.25	0.01	35.81	1.33	176.920	3.833	28.043
	20	16.03	14.36	0.02	36.09	1.10	177.153	3.717	28.050
	28	16.18	14.49	−0.02	36.42	+0.89	177.387	+3.600	+28.056
Mai	6	16.34	14.64	0.03	36.80	0.69	177.620	3.484	28.061
	14	16.52	14.80	0.04	37.22	0.51	177.854	3.367	28.066
	22	16.72	14.98	0.04	37.67	0.36	178.087	3.251	28.071
	30	16.94	15.17	0.04	38.16	0.23	178.321	3.134	28.075
Juni	7	17.17	15.38	−0.05	38.67	+0.13	178.555	+3.018	+28.078
	15	17.41	15.59	0.05	39.21	0.05	178.789	2.901	28.081
	23	17.65	15.81	0.05	39.76	0.01	179.023	2.784	28.084
Juli	1	17.90	16.03	0.05	40.31	0.00	179.257	2.667	28.086
	9	18.14	16.25	0.04	40.86	0.03	179.491	2.550	28.087
	17	18.38	16.46	−0.04	41.39	+0.09	179.725	+2.432	+28.088
	25	18.60	16.66	0.03	41.89	0.19	179.959	2.315	28.089
Aug.	2	18.80	16.84	0.02	42.34	0.33	180.194	2.197	28.089
	10	18.97	17.00	0.02	42.74	0.49	180.428	2.080	28.088
	18	19.12	17.13	−0.01	43.07	0.68	180.663	1.962	28.087
	26	19.23	17.23	0.00	43.31	+0.89	180.897	+1.844	+28.085
Sept.	3	19.30	17.29	0.00	43.46	1.11	181.132	1.726	28.083
	11	19.33	17.32	0.00	43.53	1.34	181.366	1.608	28.081
	19	19.31	17.30	0.00	43.49	1.56	181.601	1.490	28.078
	27	19.25	17.25	0.00	43.36	1.77	181.836	1.372	28.074
Okt.	5	19.15	17.16	+0.01	43.14	+1.95	182.071	+1.254	+28.070
	13	19.02	17.04	0.01	42.83	2.11	182.306	1.136	28.065
	21	18.85	16.89	0.02	42.44	2.23	182.541	1.017	28.060
	29	18.65	16.71	0.03	42.00	2.31	182.777	0.899	28.054
Nov.	6	18.43	16.51	0.03	41.51	2.35	183.012	0.780	28.048
	14	18.19	16.30	+0.04	40.98	+2.35	183.248	+0.662	+28.041
	22	17.95	16.08	0.04	40.43	2.31	183.483	0.543	28.034
	30	17.70	15.86	0.05	39.87	2.23	183.719	0.425	28.026
Dez.	8	17.46	15.64	0.05	39.32	2.12	183.955	0.306	28.018
	16	17.22	15.43	0.04	38.78	1.97	184.191	0.187	28.009
	24	16.99	15.22	0.04	38.27	1.79	184.427	+0.068	28.000
	32	16.77	15.03	+0.04	37.78	+1.60	184.663	−0.051	+27.990

Saturn und Saturnsring 1936

0h Welt-Zeit	U	B	P	log (Δ)/Δ	0h Welt-Zeit	U	B	P	log (Δ)/Δ
1936	°	°	°		1936	°	°	°	
Jan. −1	211.341	+7.561	+5.871	9.97182	Juli 1	226.303	+0.002	+4.674	0.01049
+3	211.641	7.398	5.850	9.96946	5	226.315	0.015	4.673	0.01344
7	211.957	7.228	5.827	9.96722	9	226.304	0.041	4.674	0.01634
11	212.289	7.050	5.802	9.96511	13	226.269	0.079	4.677	0.01917
15	212.636	6.864	5.777	9.96313	17	226.210	0.129	4.682	0.02192
19	212.996	+6.671	+5.751	9.96129	21	226.128	+0.191	+4.690	0.02458
23	213.368	6.473	5.724	9.95959	25	226.025	0.264	4.699	0.02712
27	213.752	6.269	5.695	9.95804	29	225.900	0.348	4.710	0.02953
31	214.145	6.060	5.666	9.95664	Aug. 2	225.754	0.442	4.723	0.03180
Febr. 4	214.548	5.846	5.636	9.95539	6	225.589	0.546	4.738	0.03392
8	214.959	+5.629	+5.605	9.95431	10	225.406	+0.658	+4.754	0.03586
12	215.376	5.409	5.573	9.95338	14	225.205	0.779	4.771	0.03762
16	215.799	5.186	5.541	9.95261	18	224.989	0.907	4.790	0.03918
20	216.226	4.961	5.508	9.95201	22	224.759	1.041	4.811	0.04053
24	216.657	4.734	5.475	9.95158	26	224.517	1.180	4.832	0.04166
28	217.091	+4.507	+5.441	9.95131	30	224.265	+1.323	+4.854	0.04257
März 3	217.526	4.280	5.406	9.95121	Sept. 3	224.005	1.469	4.876	0.04325
7	217.961	4.053	5.372	9.95127	7	223.739	1.617	4.899	0.04368
11	218.395	3.827	5.338	9.95150	11	223.470	1.765	4.922	0.04388
15	218.827	3.603	5.303	9.95190	15	223.199	1.913	4.946	0.04383
19	219.257	+3.380	+5.269	9.95245	19	222.930	+2.058	+4.969	0.04353
23	219.683	3.160	5.234	9.95317	23	222.664	2.200	4.991	0.04298
27	220.104	2.943	5.200	9.95405	27	222.404	2.338	5.013	0.04220
31	220.519	2.730	5.166	9.95509	Okt. 1	222.152	2.470	5.034	0.04119
April 4	220.927	2.521	5.132	9.95628	5	221.909	2.595	5.055	0.03995
8	221.327	+2.317	+5.099	9.95762	9	221.679	+2.712	+5.074	0.03849
12	221.718	2.119	5.067	9.95911	13	221.463	2.821	5.092	0.03682
16	222.099	1.927	5.035	9.96074	17	221.263	2.920	5.109	0.03496
20	222.470	1.741	5.004	9.96251	21	221.080	3.009	5.124	0.03291
24	222.829	1.562	4.974	9.96442	25	220.917	3.086	5.137	0.03070
28	223.175	+1.390	+4.944	9.96646	29	220.774	+3.152	+5.149	0.02833
Mai 2	223.507	1.226	4.915	9.96862	Nov. 2	220.653	3.205	5.159	0.02582
6	223.825	1.071	4.888	9.97089	6	220.554	3.245	5.167	0.02319
10	224.128	0.925	4.862	9.97328	10	220.478	3.272	5.173	0.02045
14	224.414	0.788	4.838	9.97577	14	220.427	3.286	5.177	0.01762
18	224.683	+0.661	+4.815	9.97836	18	220.401	+3.287	+5.179	0.01472
22	224.934	0.543	4.793	9.98104	22	220.399	3.274	5.179	0.01176
26	225.166	0.436	4.773	9.98380	26	220.423	3.248	5.177	0.00876
30	225.379	0.341	4.754	9.98662	30	220.471	3.208	5.173	0.00574
Juni 3	225.572	0.257	4.738	9.98951	Dez. 4	220.545	3.154	5.166	0.00271
7	225.743	+0.184	+4.723	9.99245	8	220.643	+3.088	+5.158	9.99968
11	225.893	0.123	4.710	9.99543	12	220.766	3.009	5.147	9.99667
15	226.021	0.074	4.698	9.99843	16	220.912	2.917	5.135	9.99370
19	226.126	0.038	4.689	0.00145	20	221.081	2.813	5.121	9.99077
23	226.209	0.013	4.682	0.00448	24	221.273	2.698	5.105	9.98790
27	226.268	0.001	4.677	0.00750	28	221.487	2.571	5.087	9.98510
Juli 1	226.303	+0.002	+4.674	0.01049	32	221.722	+2.434	+5.067	9.98238

0h Welt-Zeit	L	M	L	M	L	L	M	L	M
	MIMAS		ENCELADUS		TETHYS	DIONE		RHEA	
1936	°	°	°	°	°	°	°	°	°
Jan. − 1	226.843	79.29	226.760	35.6	199.005	209.497	165.5	20.401	205.2
+15	218.572	55.01	110.450	273.9	10.179	154.056	108.7	215.441	40.4
	°	°	°	°	°	°	°	°	°
Mai 22	152.399	220.72	259.952	20.1	299.569	70.529	14.5	335.757	161.5
Juni 7	144.127	196.43	143.639	258.4	110.743	15.088	317.7	170.797	356.7
23	135.855	172.15	27.326	136.7	281.916	319.647	261.0	5.836	191.8
Juli 9	127.583	147.86	271.014	15.0	93.090	264.206	204.1	200.876	27.0
25	119.310	123.58	154.702	253.3	264.264	208.765	147.4	35.915	222.1
Aug. 10	111.038	99.29	38.390	131.5	75.437	153.324	90.7	230.955	57.2
26	102.766	75.00	282.079	9.8	246.611	97.883	33.8	65.994	252.4
Sept. 11	94.494	50.72	165.769	248.1	57.785	42.442	337.0	261.034	87.5
27	86.222	26.43	49.459	126.4	228.959	347.001	280.1	96.073	282.7
Okt. 13	77.949	2.15	293.150	4.7	40.133	291.560	223.4	291.113	117.8
29	69.677	337.86	176.842	243.0	211.307	236.118	166.7	126.152	313.0
Nov. 14	61.405	313.58	60.535	121.3	22.480	180.677	109.8	321.192	148.1
30	53.132	289.28	304.228	359.5	193.654	125.236	53.1	156.231	343.3
Dez. 16	44.860	264.99	187.923	237.8	4.828	69.795	356.3	351.271	178.4
32	36.588	240.71	71.618	116.1	176.002	14.353	299.4	186.311	13.6

0h Welt-Zeit	L	M	L	M	e	log a	L	M
	TITAN		HYPERION				JAPETUS	
1936	°	°	°	°			°	°
Jan. − 1	315.232	139.97	357.648	7.53	0.07740	2.33076	277.443	324.97
+15	316.463	141.17	268.777	279.73	0.07680	2.33054	350.053	37.57
	°	°	°	°			°	°
Mai 22	326.307	150.85	283.555	303.27	0.07464	2.32956	210.927	258.39
Juni 7	327.538	152.06	195.695	216.51	0.07480	2.32960	283.537	330.99
23	328.768	153.26	107.784	129.71	0.07506	2.32966	356.146	43.59
Juli 9	329.999	154.47	19.792	42.83	0.07543	2.32976	68.756	116.19
25	331.229	155.68	291.687	315.83	0.07589	2.32991	141.365	188.79
Aug. 10	332.460	156.89	203.440	228.66	0.07644	2.33007	213.975	261.40
26	333.690	158.10	115.024	141.32	0.07706	2.33025	286.584	334.00
Sept. 11	334.921	159.31	26.417	53.77	0.07774	2.33045	359.194	46.60
27	336.151	160.51	297.604	326.00	0.07845	2.33068	71.803	119.20
Okt. 13	337.382	161.72	208.575	238.03	0.07920	2.33090	144.413	191.81
29	338.612	162.93	119.320	149.79	0.07996	2.33114	217.022	264.41
Nov. 14	339.844	164.14	29.840	61.33	0.08073	2.33137	289.632	337.01
30	341.074	165.35	300.145	332.64	0.08150	2.33159	2.241	49.61
Dez. 16	342.305	166.56	210.239	243.74	0.08222	2.33181	74.851	122.22
32	343.535	167.77	120.137	154.59	0.08287	2.33201	147.460	194.82

Bewegung der mittleren Länge L und der mittleren Anomalie M

Zeit	Mimas		Enceladus		Tethys	Dione		Rhea		Titan		Japetus	
	L	M	L	M	L	L	M	L	M	L	M	L	M
d	°	°	°	°	°	°	°	°	°	°	°	°	°
1	21.9830	20.982	262.7306	262.39	190.6984	131.5349	131.45	79.6900	79.70	22.5769	22.576	4.5381	4.538
2	43.9660	41.964	165.4612	164.79	21.3968	263.0699	262.90	159.3800	159.40	45.1538	45.151	9.0762	9.075
3	65.9490	62.947	68.1919	67.18	212.0951	34.6048	34.35	239.0700	239.10	67.7307	67.727	13.6143	13.612
4	87.9320	83.929	330.9225	329.58	42.7935	166.1398	165.80	318.7600	318.80	90.3076	90.302	18.1524	18.150
5	109.9150	104.911	233.6531	231.97	233.4919	297.6747	297.25	38.4500	38.50	112.8845	112.878	22.6905	22.688
6	131.8980	125.893	136.3838	134.36	64.1903	69.2096	68.70	118.1400	118.20	135.4614	135.454	27.2286	27.225
7	153.8810	146.875	39.1144	36.76	254.8886	200.7446	200.15	197.8300	197.90	158.0383	158.029	31.7667	31.762
8	175.8640	167.858	301.8450	299.15	85.5870	332.2795	331.60	277.5200	277.60	180.6152	180.605	36.3048	36.300
9	197.8470	188.840	204.5756	201.54	276.2854	103.8144	103.05	357.2100	357.30	203.1922	203.181	40.8428	40.838
10	219.8300	209.822	107.3062	103.94	106.9838	235.3494	234.50	76.9000	77.00	225.7691	225.756	45.3809	45.375
11	241.8130	230.804	10.0369	6.33	297.6821	6.8843	5.95	156.5900	156.70	248.3460	248.332	49.9190	49.912
12	263.7960	251.786	272.7675	268.72	128.3805	138.4192	137.40	236.2800	236.40	270.9229	270.908	54.4571	54.450
13	285.7790	272.768	175.4981	171.12	319.0789	269.9542	268.85	315.9700	316.10	293.4998	293.483	58.9952	58.988
14	307.7620	293.751	78.2288	73.51	149.7772	41.4891	40.30	35.6600	35.80	316.0767	316.059	63.5333	63.525
15	329.7450	314.733	340.9594	335.91	340.4756	173.0241	171.75	115.3500	115.50	338.6536	338.634	68.0714	68.062
16	351.7280	335.715	243.6900	238.30	171.1740	304.5590	303.20	195.0400	195.20	361.2305	361.210	72.6095	72.600
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.1	38.1983	38.098	26.2731	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.2577	2.258	0.4538	0.454
0.2	76.3966	76.196	52.5461	52.48	38.1397	26.3070	26.29	15.9380	15.94	4.5154	4.515	0.9076	0.908
0.3	114 5949	114.295	78.8192	78.72	57.2095	39.4605	39.44	23.9070	23.91	6.7731	6.773	1.3614	1.361
0.4	152.7932	152.393	105.0922	104.96	76.2794	52.6140	52.58	31.8760	31.88	9.0308	9.030	1.8152	1.815
0.5	190.9915	190.491	131.3653	131.20	95.3492	65.7675	65.72	39.8450	39.85	11.2885	11.288	2.2690	2.269
0.6	229.1898	228.589	157.6384	157.44	114.4190	78.9210	78.87	47.8140	47.82	13.5461	13.545	2.7229	2.722
0.7	267.3881	266.688	183.9114	183.68	133.4888	92.0745	92.02	55.7830	55.79	15.8038	15.803	3.1767	3.176
0.8	305.5864	304.786	210.1845	209.92	152.5587	105.2280	105.16	63.7520	63.76	18.0615	18.060	3.6305	3.630
0.9	343.7847	342.884	236.4576	236.15	171.6285	118.3814	118.30	71.7210	71.73	20.3192	20.318	4.0843	4.084
1.0	381.9830	380.982	262.7306	262.39	190.6984	131.5349	131.45	79.6900	79.70	22.5769	22.576	4.5381	4.538
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.01	3.8198	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.2258	0.226	0.0454	0.045
0.02	7.6397	7.620	5.2546	5.25	3.8140	2.6307	2.63	1.5938	1.59	0.4515	0.452	0.0908	0.091
0.03	11.4595	11.429	7.8819	7.87	5.7210	3.9460	3.94	2.3907	2.39	0.6773	0.677	0.1361	0.136
0.04	15.2793	15.239	10.5092	10.50	7.6279	5.2614	5.26	3.1876	3.19	0.9031	0.903	0.1815	0.182
0.05	19.0992	19.049	13.1365	13.12	9.5349	6.5767	6.57	3.9845	3.98	1.1288	1.129	0.2269	0.227
0.06	22.9190	22.859	15.7638	15.74	11.4419	7.8921	7.89	4.7814	4.78	1.3546	1.355	0.2723	0.272
0.07	26.7388	26.669	18.3911	18.37	13.3489	9.2074	9.20	5.5783	5.58	1.5804	1.580	0.3177	0.318
0.08	30.5586	30.479	21.0184	20.99	15.2559	10.5228	10.52	6.3752	6.38	1.8062	1.806	0.3630	0.363
0.09	34.3785	34.288	23.6458	23.62	17.1629	11.8381	11.83	7.1721	7.17	2.0319	2.032	0.4084	0.408
0.10	38.1983	38.098	26.2731	26.24	19.0698	13.1535	13.14	7.9690	7.97	2.2577	2.258	0.4538	0.454
d	°	°	°	°	°	°	°	°	°	°	°	°	°
0.001	0.3820	0.381	0.2627	0.26	0.1907	0.1315	0.13	0.0797	0.08	0.0226	0.023	0.0045	0.005
0.002	0.7640	0.762	0.5255	0.52	0.3814	0.2631	0.26	0.1594	0.16	0.0452	0.045	0.0091	0.009
0.003	1.1459	1.143	0.7882	0.79	0.5721	0.3946	0.39	0.2391	0.24	0.0677	0.068	0.0136	0.014
0.004	1.5279	1.524	1.0509	1.05	0.7628	0.5261	0.53	0.3188	0.32	0.0903	0.090	0.0182	0.018
0.005	1.9099	1.905	1.3137	1.31	0.9535	0.6577	0.66	0.3984	0.40	0.1129	0.113	0.0227	0.023
0.006	2.2919	2.286	1.5764	1.57	1.1442	0.7892	0.79	0.4781	0.48	0.1355	0.135	0.0272	0.027
0.007	2.6739	2.667	1.8391	1.84	1.3349	0.9207	0.92	0.5578	0.56	0.1580	0.158	0.0318	0.032
0.008	3.0559	3.048	2.1018	2.10	1.5256	1.0523	1.05	0.6375	0.64	0.1806	0.181	0.0363	0.036
0.009	3.4378	3.429	2.3646	2.36	1.7163	1.1838	1.18	0.7172	0.72	0.2032	0.203	0.0408	0.041
0.010	3.8198	3.810	2.6273	2.62	1.9070	1.3153	1.31	0.7969	0.80	0.2258	0.226	0.0454	0.045

0h Welt-Zeit	ϑ Mimas	ϑ Encel.	ϑ Tethys	ϑ Dione	ϑ Rhea	γ Rhea	N Saturnsring	J Saturnsring	ω Saturnsring
1936	°	°	°	°	°	′	°	°	°
Jan. — 1	137.4	347.4	206.5	65.2	265.1	21.74	127.829	6.751	41.907
15	121.4	340.7	203.3	63.9	264.7	21.75	127.831	6.751	41.905
31	105.4	334.0	200.2	62.5	264.3	21.76	127.833	6.751	41.904
Febr. 16	89.4	327.3	197.0	61.2	263.9	21.77	127.834	6.750	41.903
März 3	73.4	320.7	193.8	59.8	263.5	21.78	127.836	6.750	41.902
19	57.4	314.0	190.7	58.4	263.1	21.79	127.838	6.750	41.900
April 4	41.4	307.3	187.5	57.1	262.7	21.80	127.840	6.750	41.899
20	25.4	300.6	184.3	55.7	262.3	21.81	127.842	6.750	41.898
Mai 6	9.4	293.9	181.1	54.4	261.8	21.82	127.843	6.749	41.896
22	353.4	287.2	178.0	53.0	261.4	21.83	127.845	6.749	41.895
Juni 7	337.4	280.5	174.8	51.6	261.0	21.84	127.847	6.749	41.894
23	321.4	273.8	171.7	50.3	260.6	21.85	127.849	6.749	41.893
Juli 9	305.4	267.1	168.5	48.9	260.2	21.86	127.851	6.749	41.891
25	289.4	260.4	165.3	47.6	259.8	21.87	127.853	6.748	41.890
Aug. 10	273.4	253.8	162.1	46.2	259.4	21.88	127.854	6.748	41.889
26	257.4	247.1	159.0	44.8	258.9	21.89	127.856	6.748	41.888
Sept. 11	241.4	240.4	155.8	43.5	258.5	21.90	127.858	6.748	41.886
27	225.4	233.7	152.6	42.1	258.1	21.91	127.860	6.748	41.885
Okt. 13	209.4	227.0	149.5	40.8	257.7	21.92	127.862	6.748	41.884
29	193.4	220.3	146.3	39.4	257.3	21.93	127.863	6.747	41.883
Nov. 14	177.4	213.6	143.1	38.0	256.8	21.94	127.865	6.747	41.881
30	161.4	206.9	140.0	36.7	256.4	21.95	127.867	6.747	41.880
Dez. 16	145.4	200.2	136.8	35.3	256.0	21.96	127.869	6.747	41.879
32	129.4	193.5	133.6	34.0	255.6	21.97	127.871	6.747	41.877

$\log \frac{1}{1+\zeta}$, in Einheiten der 5. Dezimale

u − U		Mimas	Encel.	Tethys	Dione	Rhea	u − U	
0°	360°	−6+	−7+	−9+	−11+	−16+	180°	180°
10	350	−6+	−7+	−9+	−11+	−16+	170	190
20	340	−5+	−7+	−8+	−11+	−15+	160	200
30	330	−5+	−6+	−8+	−10+	−14+	150	210
40	320	−4+	−6+	−7+	− 9+	−12+	140	220
50	310	−3+	−5+	−6+	− 8+	−10+	130	230
60	300	−3+	−4+	−4+	− 6+	− 8+	120	240
70	290	−2+	−3+	−3+	− 4+	− 6+	110	250
80	280	−1+	−1+	−2+	− 2+	− 3+	100	260
90	270	0	0	0	0	0	90	270

Saturnstrabanten 1936

0h Welt-Zeit		TITAN U	TITAN B	TITAN P	HYPERION U	HYPERION B	HYPERION P	JAPETUS U	JAPETUS B	JAPETUS P
1936		°	°	°	°	°	°	°	°	°
Jan.	−1	212.928	+7.555	+5.523	209.692	+7.744	+5.944	286.950	−2.862	−4.272
	+7	213.546	7.225	5.479	210.311	7.412	5.901	287.613	3.081	4.430
	15	214.227	6.865	5.430	210.993	7.047	5.855	288.343	3.319	4.604
	23	214.961	6.479	5.376	211.729	6.654	5.803	289.132	3.572	4.790
	31	215.741	6.071	5.319	212.508	6.238	5.748	289.971	3.836	4.987
Febr.	8	216.557	+5.645	+5.258	213.324	+5.805	+5.689	290.850	−4.108	−5.193
	16	217.400	5.206	5.195	214.168	5.360	5.628	291.759	4.386	5.404
	24	218.262	4.760	5.129	215.029	4.908	5.565	292.690	4.666	5.618
März	3	219.133	4.310	5.062	215.901	4.452	5.499	293.632	4.945	5.833
	11	220.005	3.862	4.994	216.772	3.996	5.432	294.577	5.219	6.047
	19	220.870	+3.420	+4.925	217.636	+3.546	+5.366	295.514	−5.486	−6.258
	27	221.719	2.989	4.857	218.486	3.108	5.300	296.436	5.744	6.464
April	4	222.545	2.572	4.791	219.311	2.685	5.235	297.333	5.990	6.663
	12	223.339	2.175	4.726	220.104	2.280	5.172	298.196	6.221	6.852
	20	224.093	1.801	4.664	220.859	1.898	5.111	299.017	6.435	7.031
	28	224.800	+1.454	+4.605	221.566	+1.544	+5.054	299.786	−6.631	−7.198
Mai	6	225.453	1.139	4.550	222.219	1.224	5.001	300.495	6.805	7.351
	14	226.044	0.859	4.500	222.810	0.940	4.952	301.137	6.957	7.488
	22	226.566	0.617	4.456	223.333	0.695	4.907	301.703	7.084	7.608
	30	227.012	0.418	4.418	223.781	0.492	4.870	302.187	7.185	7.710
Juni	7	227.377	+0.263	+4.387	224.148	+0.334	+4.839	302.581	−7.260	−7.794
	15	227.656	0.155	4.363	224.429	0.223	4.815	302.880	7.307	7.857
	23	227.844	0.095	4.347	224.619	0.161	4.800	303.080	7.326	7.899
Juli	1	227.938	0.085	4.339	224.716	0.148	4.792	303.177	7.316	7.920
	9	227.939	0.123	4.339	224.719	0.186	4.792	303.170	7.278	7.919
	17	227.845	+0.210	+4.348	224.629	+0.274	+4.801	303.061	−7.213	−7.896
	25	227.659	0.344	4.364	224.448	0.409	4.817	302.851	7.121	7.853
Aug.	2	227.387	0.521	4.388	224.181	0.587	4.841	302.547	7.006	7.790
	10	227.038	0.735	4.418	223.835	0.804	4.871	302.159	6.871	7.709
	18	226.620	0.981	4.454	223.421	1.052	4.907	301.697	6.717	7.612
	26	226.146	+1.251	+4.495	222.953	+1.325	+4.947	301.175	−6.551	−7.502
Sept.	3	225.633	1.537	4.539	222.446	1.616	4.990	300.612	6.378	7.383
	11	225.097	1.830	4.584	221.916	1.914	5.035	300.025	6.201	7.258
	19	224.556	2.120	4.630	221.379	2.208	5.080	299.434	6.028	7.131
	27	224.028	2.397	4.674	220.855	2.488	5.123	298.860	5.865	7.006
Okt.	5	223.532	+2.651	+4.715	220.365	+2.745	+5.164	298.322	−5.716	−6.889
	13	223.084	2.874	4.752	219.922	2.970	5.200	297.838	5.587	6.784
	21	222.700	3.059	4.783	219.542	3.157	5.230	297.425	5.481	6.693
	29	222.393	3.200	4.808	219.239	3.300	5.255	297.097	5.404	6.620
Nov.	6	222.172	3.292	4.826	219.022	3.394	5.272	296.863	5.358	6.568
	14	222.046	+3.333	+4.836	218.899	+3.435	+5.282	296.732	−5.343	−6.539
	22	222.018	3.320	4.838	218.874	3.422	5.284	296.709	5.361	6.534
	30	222.091	3.254	4.831	218.948	3.356	5.278	296.795	5.411	6.553
Dez.	8	222.264	3.136	4.816	219.122	3.236	5.264	296.990	5.494	6.595
	16	222.533	2.967	4.794	219.394	3.064	5.242	297.291	5.606	6.661
	24	222.896	2.750	4.764	219.759	2.843	5.213	297.693	5.746	6.749
	32	223.346	+2.488	+4.727	220.210	+2.577	+5.177	298.190	−5.912	−6.858

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$ (s)	Diff. (s)	HYPERION $\delta_{tr}-\delta_{pl}$ (″)	Diff. (″)
1936				
Jan. −1	+ 6.1	−8.0	−30	+ 8
+1	− 1.9	−7.5	−22	+18
3	− 9.4	−4.2	− 4	+19
5	−13.6	+0.1	+15	+14
7	−13.5	+3.8	+29	+ 6
9	− 9.7	+6.5	+35	− 4
11	− 3.2	+7.2	+31	−13
13	+ 4.0		+18	
Juni 1	−12.1	−2.7	+14	+ 5
3	−14.8	+1.5	+19	− 1
5	−13.3	+5.2	+18	− 7
7	− 8.1	+7.5	+11	− 9
9	− 0.6	+7.7	+ 2	−10
11	+ 7.1	+5.2	− 8	− 7
13	+12.3	+0.3	−15	− 1
15	+12.6	−5.1	−16	+ 6
17	+ 7.5	−8.2	−10	+10
19	− 0.7	−8.2	0	+11
21	− 8.9	−5.3	+11	+ 7
23	−14.2	−1.1	+18	+ 1
25	−15.3	+3.2	+19	− 3
27	−12.1	+6.6	+16	− 9
29	− 5.5	+8.2	+ 7	−10
Juli 1	+ 2.7	+7.3	− 3	− 9
3	+10.0	+3.6	−12	− 5
5	+13.6	−2.1	−17	+ 2
7	+11.5	−7.0	−15	+ 9
9	+ 4.5	−8.9	− 6	+11
11	− 4.4	−7.5	+ 5	+ 9
13	−11.9	−3.9	+14	+ 6
15	−15.8	+0.8	+20	− 1
17	−15.0	+4.9	+19	− 5
19	−10.1	+7.8	+14	−10
21	− 2.3	+8.5	+ 4	−11
23	+ 6.2	+6.4	− 7	− 8
25	+12.6	+1.3	−15	− 3
27	+13.9	−4.6	−18	+ 5
29	+ 9.3		−13	

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$ (s)	Diff. (s)	HYPERION $\delta_{tr}-\delta_{pl}$ (″)	Diff. (″)
1936				
Juli 29	+ 9.3	−8.6	−13	+10
31	+ 0.7	−8.9	− 3	+11
Aug. 2	− 8.2	−6.3	+ 8	+ 9
4	−14.5	−2.0	+17	+ 4
6	−16.5	+2.7	+21	− 2
8	−13.8	+6.5	+19	− 7
10	− 7.3	+8.7	+12	−10
12	+ 1.4	+8.2	+ 2	−11
14	+ 9.6	+4.6	− 9	− 8
16	+14.2	−1.3	−17	− 1
18	+12.9	−6.9	−18	+ 6
20	+ 6.0	−9.4	−12	+12
22	− 3.4	−8.3	0	+12
24	−11.7	−4.6	+12	+ 8
26	−16.3	+0.1	+20	+ 3
28	−16.2	+4.6	+23	− 3
30	−11.6	+7.9	+20	− 9
Sept. 1	− 3.7	+9.0	+11	−12
3	+ 5.3	+7.1	− 1	−11
5	+12.4	+2.2	−12	− 8
7	+14.6	−4.0	−20	+ 1
9	+10.6	−8.6	−19	+ 9
11	+ 2.0	−9.4	−10	+12
13	− 7.4	−6.9	+ 2	+12
15	−14.3	−2.7	+14	+ 8
17	−17.0	+2.2	+22	+ 2
19	−14.8	+6.2	+24	− 4
21	− 8.6	+8.7	+20	−10
23	+ 0.1	+8.6	+10	−13
25	+ 8.7	+5.3	− 3	−13
27	+14.0	−0.4	−16	− 6
29	+13.6	−6.3	−22	+ 3
Okt. 1	+ 7.3	−9.3	−19	+11
3	− 2.0	−8.7	− 8	+14
5	−10.7	−5.2	+ 6	+12
7	−15.9	−0.6	+18	+ 7
9	−16.5	+4.0	+25	0
11	−12.5	+7.4	+25	− 6
13	− 5.1	+8.8	+19	−12
15	+ 3.7		+ 7	

0h Welt-Zeit	HYPERION $\alpha_{tr}-\alpha_{pl}$ (s)	Diff. (s)	HYPERION $\delta_{tr}-\delta_{pl}$ (″)	Diff. (″)
1936				
Okt. 15	+ 3.7	+7.5	+ 7	−14
17	+11.2	+3.1	− 7	−12
19	+14.3	−2.9	−19	− 4
21	+11.4	−7.8	−23	+ 6
23	+ 3.6	−9.3	−17	+13
25	− 5.7	−7.3	− 4	+14
27	−13.0	−3.3	+10	+11
29	−16.3	+1.2	+21	+ 6
31	−15.1	+5.3	+27	− 2
Nov. 2	− 9.8	+8.1	+25	− 9
4	− 1.7	+8.4	+16	−13
6	+ 6.7	+6.0	+ 3	−15
8	+12.7	+0.8	−12	− 9
10	+13.5	−4.9	−21	− 1
12	+ 8.6	−8.5	−22	+ 9
14	+ 0.1	−8.6	−13	+13
16	− 8.5	−5.8	0	+14
18	−14.3	−1.6	+14	+ 9
20	−15.9	+2.7	+23	+ 3
22	−13.2	+6.3	+26	− 4
24	− 6.9	+8.2	+22	−11
26	+ 1.3	+7.6	+11	−14
28	+ 8.9	+4.3	− 3	−12
30	+13.2	−1.3	−15	− 6
Dez. 2	+11.9	−6.3	−21	+ 3
4	+ 5.6	−8.5	−18	+10
6	− 2.9	−7.6	− 8	+13
8	−10.5	−4.3	+ 5	+12
10	−14.8	−0.1	+17	+ 7
12	−14.9	+3.8	+24	0
14	−11.1	+6.8	+24	− 7
16	− 4.3	+8.0	+17	−11
18	+ 3.7	+6.7	+ 6	−13
20	+10.4	+2.5	− 7	−10
22	+12.9	−2.9	−17	− 3
24	+10.0	−7.1	−20	+ 7
26	+ 2.9	−8.2	−13	+11
28	− 5.3	−6.5	− 2	+12
30	−11.8	−3.0	+10	+ 9
32	−14.8		+19	

0h Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1936	s	s	"	"
Jan. −1	− 6.2	+5.2	− 30	+ 5
+1	− 1.0	+5.1	− 25	+ 6
3	+ 4.1	+5.0	− 19	+ 6
5	+ 9.1	+4.8	− 13	+ 7
7	+13.9	+4.4	− 6	+ 7
9	+18.3	+3.9	+ 1	+ 7
11	+22.2	+3.3	+ 8	+ 7
13	+25.5		+ 15	
Juni 1	−24.2	+3.9	− 90	+ 1
3	−20.3	+4.4	− 89	+ 3
5	−15.9	+4.9	− 86	+ 5
7	−11.0	+5.2	− 81	+ 7
9	− 5.8	+5.4	− 74	+10
11	− 0.4	+5.4	− 64	+11
13	+ 5.0	+5.4	− 53	+13
15	+10.4	+5.1	− 40	+15
17	+15.5	+4.8	− 25	+15
19	+20.3	+4.2	− 10	+16
21	+24.5	+3.6	+ 6	+15
23	+28.1	+2.9	+ 21	+15
25	+31.0	+2.1	+ 36	+14
27	+33.1	+1.2	+ 50	+13
29	+34.3	+0.4	+ 63	+12
Juli 1	+34.7	−0.5	+ 75	+10
3	+34.2	−1.3	+ 85	+ 8
5	+32.9	−2.2	+ 93	+ 5
7	+30.7	−3.0	+ 98	+ 3
9	+27.7	−3.7	+101	0
11	+24.0	−4.2	+101	− 2
13	+19.8	−4.7	+ 99	− 5
15	+15.1	−5.2	+ 94	− 6
17	+ 9.9	−5.4	+ 88	− 9
19	+ 4.5	−5.6	+ 79	−11
21	− 1.1	−5.6	+ 68	−12
23	− 6.7	−5.5	+ 56	−14
25	−12.2	−5.2	+ 42	−15
27	−17.4	−4.9	+ 27	−15
29	−22.3		+ 12	

0h Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1936	s	s	"	"
Juli 29	−22.3	−4.3	+12	−16
31	−26.6	−3.7	− 4	−16
Aug. 2	−30.3	−3.0	−20	−15
4	−33.3	−2.2	−35	−14
6	−35.5	−1.3	−49	−13
8	−36.8	−0.5	−62	−11
10	−37.3	+0.5	−73	−10
12	−36.8	+1.5	−83	− 7
14	−35.3	+2.4	−90	− 5
16	−32.9	+3.3	−95	− 2
18	−29.6	+4.0	−97	0
20	−25.6	+4.8	−97	+ 3
22	−20.8	+5.4	−94	+ 6
24	−15.4	+5.8	−88	+ 8
26	− 9.6	+6.1	−80	+11
28	− 3.5	+6.2	−69	+12
30	+ 2.7	+6.1	−57	+14
Sept. 1	+ 8.8	+5.9	−43	+15
3	+14.7	+5.5	−28	+15
5	+20.2	+5.0	−13	+16
7	+25.2	+4.3	+ 3	+16
9	+29.5	+3.4	+19	+15
11	+32.9	+2.5	+34	+14
13	+35.4	+1.6	+48	+12
15	+37.0	+0.6	+60	+11
17	+37.6	−0.4	+71	+ 8
19	+37.2	−1.3	+79	+ 7
21	+35.9	−2.3	+86	+ 4
23	+33.6	−3.2	+90	+ 1
25	+30.4	−3.9	+91	0
27	+26.5	−4.6	+91	− 3
29	+21.9	−5.1	+88	− 5
Okt. 1	+16.8	−5.5	+83	− 7
3	+11.3	−5.8	+76	− 8
5	+ 5.5	−5.9	+68	−10
7	− 0.4	−5.8	+58	−12
9	− 6.2	−5.6	+46	−13
11	−11.8	−5.4	+33	−13
13	−17.2	−5.0	+20	−13
15	−22.2		+ 7	

0h Welt-Zeit	JAPETUS $\alpha_{tr}-\alpha_{pl}$		JAPETUS $\delta_{tr}-\delta_{pl}$	
1936	s	s	"	"
Okt. 15	−22.2	−4.4	+ 7	−13
17	−26.6	−3.7	− 6	−13
19	−30.3	−3.0	−19	−12
21	−33.3	−2.1	−31	−11
23	−35.4	−1.3	−42	−11
25	−36.7	−0.4	−53	− 9
27	−37.1	+0.6	−62	− 7
29	−36.5	+1.5	−69	− 6
31	−35.0	+2.3	−75	− 3
Nov. 2	−32.7	+3.2	−78	− 1
4	−29.5	+3.9	−79	+ 1
6	−25.6	+4.6	−78	+ 3
8	−21.0	+5.1	−75	+ 4
10	−15.9	+5.5	−71	+ 6
12	−10.4	+5.7	−65	+ 8
14	− 4.7	+5.8	−57	+10
16	+ 1.1	+5.7	−47	+11
18	+ 6.8	+5.5	−36	+12
20	+12.3	+5.2	−24	+12
22	+17.5	+4.6	−12	+13
24	+22.1	+4.0	+ 1	+12
26	+26.1	+3.3	+13	+12
28	+29.4	+2.4	+25	+11
30	+31.8	+1.6	+36	+11
Dez. 2	+33.4	+0.8	+47	+ 9
4	+34.2	−0.1	+56	+ 8
6	+34.1	−1.0	+64	+ 6
8	+33.1	−1.8	+70	+ 4
10	+31.3	−2.6	+74	+ 3
12	+28.7	−3.2	+77	+ 1
14	+25.5	−3.8	+78	− 1
16	+21.7	−4.3	+77	− 3
18	+17.4	−4.6	+74	− 4
20	+12.8	−4.9	+70	− 6
22	+ 7.9	−5.1	+64	− 7
24	+ 2.8	−5.1	+57	− 8
26	− 2.3	−5.0	+49	−10
28	− 7.3	−4.8	+39	−11
30	−12.1	−4.5	+28	−11
32	−16.6		+17	

Östliche Elongationen (in Welt-Zeit)

MIMAS

		h			h			h			h			h
Jan.	0	4.7	Juni	28	5.7	Aug.	10	14.1	Sept.	22	22.3	Nov.	5	6.7
	1	3.3		29	4.3		11	12.7		23	20.9		6	5.3
	2	2.0		30	2.9		12	11.3		24	19.6		7	4.0
	3	0.6	Juli	1	1.5		13	9.9		25	18.2		8	2.6
	3	23.2		2	0.2		14	8.5		26	16.8		9	1.2
	4	21.8		2	22.8		15	7.2		27	15.4		9	23.8
	5	20.5		3	21.4		16	5.8		28	14.0		10	22.4
	6	19.1		4	20.0		17	4.4		29	12.6		11	21.1
	7	17.7		5	18.6		18	3.0		30	11.2		12	19.7
	8	16.3		6	17.3		19	1.6	Okt.	1	9.8		13	18.3
	9	15.0		7	15.9		20	0.2		2	8.5		14	16.9
	10	13.6		8	14.5		20	22.8		3	7.1		15	15.5
	11	12.2		9	13.1		21	21.4		4	5.7		16	14.1
	12	10.8		10	11.7		22	20.1		5	4.3		17	12.8
	13	9.5		11	10.3		23	18.7		6	3.0		18	11.4
				12	8.9		24	17.3		7	1.6		19	10.0
				13	7.5		25	15.9		8	0.2		20	8.6
		h		14	6.2		26	14.5		8	22.8		21	7.3
Juni	1	20.4		15	4.8		27	13.1		9	21.4		22	5.9
	2	19.0		16	3.4		28	11.7		10	20.1		23	4.5
	3	17.6		17	2.0		29	10.3		11	18.7		24	3.1
	4	16.3		18	0.7		30	8.9		12	17.3		25	1.8
	5	14.9		18	23.3		31	7.6		13	15.9		26	0.4
	6	13.5		19	21.9	Sept.	1	6.2		14	14.5		26	23.0
	7	12.1		20	20.5		2	4.8		15	13.1		27	21.6
	8	10.7		21	19.1		3	3.4		16	11.7		28	20.3
	9	9.3		22	17.8		4	2.0		17	10.3		29	18.9
	10	7.9		23	16.4		5	0.6		18	9.0		30	17.5
	11	6.5		24	15.0		5	23.2		19	7.6	Dez.	1	16.1
	12	5.2		25	13.6		6	21.8		20	6.2		2	14.7
	13	3.8		26	12.2		7	20.5		21	4.8		3	13.4
	14	2.4		27	10.8		8	19.1		22	3.5		4	12.0
	15	1.0		28	9.4		9	17.7		23	2.1		5	10.6
	15	23.7		29	8.0		10	16.3		24	0.7		6	9.2
	16	22.3		30	6.7		11	14.9		24	23.3		7	7.9
	17	20.9		31	5.3		12	13.5		25	21.9		8	6.5
	18	19.5	Aug.	1	3.9		13	12.1		26	20.6		9	5.1
	19	18.1		2	2.5		14	10.7		27	19.2		10	3.7
	20	16.8		3	1.2		15	9.3		28	17.8		11	2.4
	21	15.4		3	23.8		16	8.0		29	16.4		12	1.0
	22	14.0		4	22.4		17	6.6		30	15.0		12	23.6
	23	12.6		5	21.0		18	5.2		31	13.6		13	22.2
	24	11.2		6	19.6		19	3.8	Nov.	1	12.2		14	20.9
	25	9.8		7	18.3		20	2.5		2	10.8		15	19.5
	26	8.4		8	16.9		21	1.1		3	9.5		16	18.1
	27	7.0		9	15.5		21	23.7		4	8.1		17	16.7

Östliche Elongationen (in Welt-Zeit)

MIMAS

		h
Dez.	18	15.3
	19	14.0
	20	12.6
	21	11.2
	22	9.8
	23	8.5
	24	7.1
	25	5.7
	26	4.3
	27	3.0
	28	1.6
	29	0.2
	29	22.8
	30	21.5
	31	20.1

ENCELADUS

		h
Jan.	0	17.1
	2	2.0
	3	10.9
	4	19.8
	6	4.7
	7	13.6
	8	22.5
	10	7.4
	11	16.3
	13	1.2
Juni	2	5.5
	3	14.4
	4	23.3
	6	8.2
	7	17.1
	9	2.0
	10	10.9
	11	19.8
	13	4.6
	14	13.5
	15	22.4
	17	7.3
	18	16.2
	20	1.1
	21	9.9

ENCELADUS

		h
Juni	22	18.8
	24	3.7
	25	12.6
	26	21.5
	28	6.3
	29	15.2
Juli	1	0.1
	2	9.0
	3	17.9
	5	2.8
	6	11.6
	7	20.5
	9	5.4
	10	14.3
	11	23.2
	13	8.1
	14	16.9
	16	1.8
	17	10.7
	18	19.6
	20	4.5
	21	13.4
	22	22.2
	24	7.1
	25	16.0
	27	0.9
	28	9.7
	29	18.6
	31	3.5
Aug.	1	12.4
	2	21.2
	4	6.1
	5	15.0
	6	23.9
	8	8.7
	9	17.6
	11	2.5
	12	11.4
	13	20.3
	15	5.1
	16	14.0
	17	22.9
	19	7.8
	20	16.7
	22	1.6
	23	10.4
	24	19.3

ENCELADUS

		h
Aug.	26	4.2
	27	13.1
	28	21.9
	30	6.8
	31	15.7
Sept.	2	0.6
	3	9.4
	4	18.3
	6	3.2
	7	12.1
	8	20.9
	10	5.8
	11	14.7
	12	23.6
	14	8.4
	15	17.3
	17	2.2
	18	11.1
	19	19.9
	21	4.8
	22	13.7
	23	22.6
	25	7.4
	26	16.3
	28	1.2
	29	10.1
	30	19.0
Okt.	2	3.8
	3	12.7
	4	21.6
	6	6.5
	7	15.4
	9	0.3
	10	9.1
	11	18.0
	13	2.9
	14	11.8
	15	20.7
	17	5.6
	18	14.4
	19	23.3
	21	8.2
	22	17.1
	24	2.0
	25	10.9
	26	19.7
	28	4.6

ENCELADUS

		h
Okt.	29	13.5
	30	22.4
Nov.	1	7.3
	2	16.2
	4	1.0
	5	9.9
	6	18.8
	8	3.7
	9	12.6
	10	21.5
	12	6.3
	13	15.2
	15	0.1
	16	9.0
	17	17.9
	19	2.8
	20	11.7
	21	20.6
	23	5.4
	24	14.3
	25	23.2
	27	8.1
	28	17.0
	30	1.9
Dez.	1	10.8
	2	19.7
	4	4.6
	5	13.5
	6	22.4
	8	7.3
	9	16.1
	11	1.0
	12	9.9
	13	18.8
	15	3.7
	16	12.6
	17	21.5
	19	6.4
	20	15.3
	22	0.2
	23	9.1
	24	18.0
	26	2.8
	27	11.7
	28	20.6
	30	5.5
	31	14.4

TETHYS

		h
Jan.	1	11.6
	3	8.9
	5	6.3
	7	3.6
	9	0.9
	10	22.2
	12	19.6
	14	16.9
Juni	2	11.2
	4	8.5
	6	5.8
	8	3.1
	10	0.4
	11	21.7
	13	19.0
	15	16.3
	17	13.7
	19	11.0
	21	8.3
	23	5.6
	25	2.9
	27	0.2
	28	21.5
	30	18.8
Juli	2	16.2
	4	13.5
	6	10.8
	8	8.1
	10	5.4
	12	2.7
	14	0.0
	15	21.3
	17	18.6
	19	15.8
	21	13.1
	23	10.4
	25	7.7
	27	5.0
	29	2.3
	30	23.6
Aug.	1	20.9
	3	18.2
	5	15.5
	7	12.8

Östliche Elongationen (in Welt-Zeit)

TETHYS

		h
Aug.	9	10.1
	11	7.4
	13	4.7
	15	2.0
	16	23.3
	18	20.6
	20	17.8
	22	15.1
	24	12.4
	26	9.7
	28	7.0
	30	4.3
Sept.	1	1.6
	2	22.9
	4	20.2
	6	17.5
	8	14.8
	10	12.1
	12	9.4
	14	6.7
	16	4.0
	18	1.3
	19	22.6
	21	19.8
	23	17.1
	25	14.4
	27	11.7
	29	9.0
Okt.	1	6.3
	3	3.6
	5	0.9
	6	22.2
	8	19.5
	10	16.8
	12	14.1
	14	11.4
	16	8.7
	18	6.0
	20	3.3
	22	0.6
	23	21.9
	25	19.2
	27	16.5
	29	13.8
	31	11.1
Nov.	2	8.4
	4	5.7

TETHYS

		h
Nov.	6	3.0
	8	0.3
	9	21.6
	11	18.9
	13	16.2
	15	13.5
	17	10.8
	19	8.1
	21	5.4
	23	2.7
	25	0.1
	26	21.4
	28	18.7
	30	16.0
Dez.	2	13.3
	4	10.6
	6	8.0
	8	5.3
	10	2.6
	11	23.9
	13	21.3
	15	18.6
	17	15.9
	19	13.2
	21	10.6
	23	7.9
	25	5.2
	27	2.5
	28	23.8
	30	21.2
	32	18.5

DIONE

		h
Jan.	2	11.9
	5	5.6
	7	23.3
	10	17.1
	13	10.8

DIONE

		h
Juni	1	3.1
	3	20.8
	6	14.5
	9	8.2
	12	1.9
	14	19.6
	17	13.3
	20	7.0
	23	0.7
	25	18.4
	28	12.1
Juli	1	5.8
	3	23.4
	6	17.1
	9	10.8
	12	4.5
	14	22.2
	17	15.8
	20	9.5
	23	3.1
	25	20.8
	28	14.5
	31	8.2
Aug.	3	1.8
	5	19.5
	8	13.1
	11	6.8
	14	0.4
	16	18.1
	19	11.7
	22	5.4
	24	23.0
	27	16.7
	30	10.3
Sept.	2	4.0
	4	21.6
	7	15.3
	10	8.9
	13	2.6
	15	20.3
	18	14.0
	21	7.6
	24	1.3
	26	18.9
	29	12.6
Okt.	2	6.2
	4	23.9

DIONE

		h
Okt.	7	17.5
	10	11.2
	13	4.8
	15	22.5
	18	16.2
	21	9.9
	24	3.5
	26	21.2
	29	14.9
Nov.	1	8.6
	4	2.3
	6	19.9
	9	13.6
	12	7.2
	15	0.9
	17	18.6
	20	12.3
	23	6.0
	25	23.7
	28	17.4
Dez.	1	11.1
	4	4.8
	6	22.5
	9	16.2
	12	9.9
	15	3.6
	17	21.3
	20	15.0
	23	8.7
	26	2.4
	28	20.2
	31	13.9

RHEA

		h
Jan.	2	14.0
	7	2.6
	11	15.1
Juni	4	8.5

RHEA

		h
Juni	8	21.0
	13	9.5
	17	21.9
	22	10.4
	26	22.8
Juli	1	11.2
	5	23.6
	10	12.0
	15	0.4
	19	12.8
	24	1.2
	28	13.6
Aug.	2	1.9
	6	14.3
	11	2.6
	15	15.0
	20	3.3
	24	15.7
	29	4.0
Sept.	2	16.3
	7	4.7
	11	17.0
	16	5.3
	20	17.7
	25	6.0
	29	18.3
Okt.	4	6.6
	8	19.0
	13	7.3
	17	19.7
	22	8.1
	26	20.4
	31	8.8
Nov.	4	21.2
	9	9.6
	13	22.0
	18	10.4
	22	22.8
	27	11.3
Dez.	1	23.7
	6	12.2
	11	0.7
	15	13.1
	20	1.6
	24	14.1
	29	2.6
	33	15.1

Elongationen und Konjunktionen (in Welt-Zeit)

TITAN

		h	
Jan.	2	14.4	Unt. Konj.
	6	15.0	Westl. El.
	10	10.2	Ob. Konj.
	14	9.6	Östl. El.
		h	
Juni	2	12.0	Ob. Konj.
	6	12.3	Östl. El.
	10	17.1	Unt. Konj.
	14	16.3	Westl. El.
	18	11.2	Ob. Konj.
	22	11.5	Östl. El.
	26	16.2	Unt. Konj.
	30	15.2	Westl. El.
Juli	4	10.0	Ob. Konj.
	8	10.3	Östl. El.
	12	14.9	Unt. Konj.
	16	13.8	Westl. El.
	20	8.5	Ob. Konj.
	24	8.7	Östl. El.
	28	13.1	Unt. Konj.
Aug.	1	12.0	Westl. El.
	5	6.7	Ob. Konj.
	9	6.7	Östl. El.
	13	11.0	Unt. Konj.
	17	9.9	Westl. El.
	21	4.6	Ob. Konj.
	25	4.4	Östl. El.
	29	8.7	Unt. Konj.
Sept.	2	7.6	Westl. El.
	6	2.2	Ob. Konj.
	10	1.9	Östl. El.
	14	6.2	Unt. Konj.
	18	5.2	Westl. El.
	21	23.8	Ob. Konj.
	25	23.4	Östl. El.
	30	3.8	Unt. Konj.
Okt.	4	2.8	Westl. El.
	7	21.5	Ob. Konj.
	11	21.0	Östl. El.
	16	1.5	Unt. Konj.
	20	0.7	Westl. El.

TITAN

		h	
Okt.	23	19.4	Ob. Konj.
	27	19.0	Östl. El.
	31	23.5	Unt. Konj.
Nov.	4	22.9	Westl. El.
	8	17.6	Ob. Konj.
	12	17.3	Östl. El.
	16	21.9	Unt. Konj.
	20	21.4	Westl. El.
	24	16.3	Ob. Konj.
	28	16.0	Östl. El.
Dez.	2	20.8	Unt. Konj.
	6	20.4	Westl. El.
	10	15.3	Ob. Konj.
	14	15.2	Östl. El.
	18	20.1	Unt. Konj.
	22	19.7	Westl. El.
	26	14.7	Ob. Konj.
	30	14.8	Östl. El.

HYPERION

		h	
Jan.	0	15.3	Unt. Konj.
	5	21.1	Westl. El.
	11	23.9	Ob. Konj.
		h	
Juni	3	4.8	Westl. El.
	9	4.9	Ob. Konj.
	14	5.6	Östl. El.
	18	21.2	Unt. Konj.
	24	10.1	Westl. El.
	30	9.8	Ob. Konj.
Juli	5	9.8	Östl. El.
	10	1.4	Unt. Konj.
	15	14.6	Westl. El.
	21	14.0	Ob. Konj.
	26	13.5	Östl. El.
	31	5.0	Unt. Konj.
Aug.	5	18.4	Westl. El.
	11	17.8	Ob. Konj.
	16	17.0	Östl. El.

HYPERION

		h	
Aug.	21	8.3	Unt. Konj.
	26	21.8	Westl. El.
Sept.	1	21.3	Ob. Konj.
	6	20.4	Östl. El.
	11	11.6	Unt. Konj.
	17	1.3	Westl. El.
	23	1.0	Ob. Konj.
	28	0.2	Östl. El.
Okt.	2	15.3	Unt. Konj.
	8	5.3	West. El.
	14	5.5	Ob. Konj.
	19	4.8	Östl. El.
	23	20.0	Unt. Konj.
	29	10.5	Westl. El.
Nov.	4	11.3	Ob. Konj.
	9	10.6	Östl. El.
	14	2.0	Unt. Konj.
	19	17.3	Westl. El.
	25	18.6	Ob. Konj.
	30	17.8	Östl. El.
Dez.	5	9.5	Unt. Konj.
	11	1.8	Westl. El.
	17	3.4	Ob. Konj.
	22	2.4	Östl. El.
	26	18.5	Unt. Konj.

JAPETUS

		h	
Jan.	1	12.1	Ob. Konj.
		h	
Juni	11	9.8	Ob. Konj.
	30	11.7	Östl. El.
Juli	20	21.0	Unt. Konj.
Aug.	10	8.9	Westl. El.
	29	8.6	Ob. Konj.
Sept.	17	0.8	Östl. El.
Okt.	7	2.1	Unt. Konj.
	27	14.1	Westl. El.
Nov.	15	19.5	Ob. Konj.
Dez.	4	18.8	Östl. El.
	25	7.8	Unt. Konj.

Welt-Zeit 1936	h	
Jan. 3	7	♅ ☌ ☾
4	10	☉ in Erdnähe
8	—	☾ totale Finsternis
10	21	♅ stationär in AR.
13	18	♆ ☌ ☾
15	18	♀ ☌ ♃, ♀ 1° 23′ N.
16	6	☿ gr. östl. El. 18° 50′
20	21	♃ ☌ ☾
21	7	♀ ☌ ☾
22	13	☿ stationär in AR.
22	22	☿ im Perihel
25	7	☿ ☌ ☾
25	16	♂ ☌ ♄, ♂ 0° 53′ N.
26	21	♄ ☌ ☾
26	23	♂ ☌ ☾
30	13	♅ ☌ ☾
31	23	☿ untere ☌ ☉
Febr. 10	1	♆ ☌ ☾
12	17	☿ stationär in AR.
17	15	♃ ☌ ☾
20	10	♀ ☌ ☾
20	22	☿ ☌ ☾
23	13	♄ ☌ ☾
24	21	♂ ☌ ☾
26	5	☿ gr. westl. El. 26° 51′
26	21	♅ ☌ ☾
März 3	13	♄ ☌ ☉
6	3	♆ ☍ ☉
6	21	☿ im Aphel
8	6	♆ ☌ ☾
16	5	♃ ☌ ☾
20	19	Frühlingsanfang
21	12	♀ ☌ ☾
22	4	☿ ☌ ☾
22	5	♄ ☌ ☾
22	17	☿ ☌ ♄, ☿ 0° 36′ S.
24	17	♂ ☌ ☾
25	8	♅ ☌ ☾
29	14	♀ im Aphel
30	21	♀ ☌ ♄, ♀ 0° 26′ N.

Welt-Zeit 1936	h	
April 4	10	♆ ☌ ☾
8	4	♂ ☌ ♅, ♂ 0° 25′ N.
10	13	☿ obere ☌ ☉
10	18	♃ stationär in AR.
12	13	♃ ☌ ☾
17	15	☿ ☌ ♅, ☿ 0° 56′ N.
18	21	♄ ☌ ☾
19	21	☿ im Perihel
20	10	♀ ☌ ☾
21	22	♅ ☌ ☾
22	12	☿ ☌ ☾
22	12	♂ ☌ ☾
22	16	☿ ☌ ♂, ☿ 1° 17′ N.
25	22	♅ ☌ ☉
Mai 1	16	♆ ☌ ☾
7	18	☿ gr. östl. El. 21° 20′
9	16	♃ ☌ ☾
10	9	♀ ☌ ♅, ♀ 0° 51′ S.
16	10	♄ ☌ ☾
19	10	♅ ☌ ☾
20	4	♀ ☌ ☾
20	4	☿ stationär in AR.
21	7	♂ ☌ ☾
21	20	☿ ☌ ☾
25	20	♆ stationär in AR.
28	22	♆ ☌ ☾
29	12	☿ ☌ ♂, ☿ 2° 11′ S.
31	12	☿ untere ☌ ☉
Juni 2	21	☿ im Aphel
5	7	☿ ☌ ♀, ☿ 2° 59′ S.
5	17	♃ ☌ ☾
10	15	♃ ☍ ☉
11	0	♂ ☌ ☾
12	14	☿ stationär in AR.
12	19	♄ ☌ ☾
15	21	♅ ☌ ☾
17	19	☿ ☌ ☾
19	—	☉ totale Finsternis
19	0	♀ ☌ ☾
19	1	♂ ☌ ☾
20	4	♀ ☌ ♂, ♀ 0° 30′ S.
21	14	Sommersanfang
25	7	♆ ☌ ☾
25	8	☿ gr. westl. El. 22° 18′
29	9	♀ obere ☌ ☉

Welt-Zeit 1936		h	
Juli	2	18	♃ ☌ ☾
	3	20	☉ in Erdferne
	4	—	☾ part. Finsternis
	4	22	♄ stationär in AR.
	10	1	♄ ☌ ☾
	13	5	♅ ☌ ☾
	15	17	☿ ☌ ♂, ☿ 0° 13′ S.
	16	20	☿ im Perihel
	17	20	♂ ☌ ☾
	18	2	☿ ☌ ☾
	19	4	♀ ☌ ☾
	19	21	♀ im Perihel
	22	17	♆ ☌ ☾
	24	3	☿ obere ☌ ☉
	29	23	♃ ☌ ☾
Aug.	1	13	☿ ☌ ♀, ☿ 0° 22′ N.
	6	6	♄ ☌ ☾
	9	11	♅ ☌ ☾
	11	18	♃ stationär in AR.
	15	6	♅ stationär in AR.
	15	14	♂ ☌ ☾
	17	16	☿ ☌ ♆, ☿ 0° 48′ S.
	18	13	♀ ☌ ☾
	19	2	♆ ☌ ☾
	19	7	☿ ☌ ☾
	23	20	♀ ☌ ♆, ♀ 0° 26′ N.
	26	8	♃ ☌ ☾
	29	20	☿ im Aphel
Sept.	2	11	♄ ☌ ☾
	4	23	☿ gr. östl. El. 27° 5′
	5	17	♅ ☌ ☾
	9	10	♆ ☌ ☉
	12	2	♄ ☍ ☉
	13	9	♂ ☌ ☾
	15	11	♆ ☌ ☾
	16	0	☿ ☌ ♀, ☿ 4° 59′ S.
	17	18	☿ ☌ ☾
	17	22	♀ ☌ ☾
	18	1	☿ stationär in AR.
	22	20	♃ ☌ ☾
	23	5	Herbstanfang
	29	19	♄ ☌ ☾
Okt.	1	0	☿ untere ☌ ☉
	3	0	♅ ☌ ☾
	9	8	☿ stationär in AR.
	12	3	♂ ☌ ☾
	12	19	♆ ☌ ☾
	12	20	☿ im Perihel
	14	1	☿ ☌ ☾
	16	12	☿ gr. westl. El. 18° 10′
	18	4	♀ ☌ ☾
	20	11	♃ ☌ ☾
	25	16	♂ ☌ ♆, ♂ 0° 24′ N.
	27	3	♄ ☌ ☾
	30	10	♅ ☌ ☾
	31	4	♅ ☍ ☉
Nov.	9	2	♆ ☌ ☾
	9	6	♀ im Aphel
	9	20	♂ ☌ ☾
	13	12	♀ ☌ ♃, ♀ 1° 52′ S.
	14	1	☿ ☌ ☾
	17	3	♃ ☌ ☾
	17	11	♀ ☌ ☾
	18	11	☿ obere ☌ ☉
	20	0	♄ stationär in AR.
	21	5	♂ im Aphel
	23	11	♄ ☌ ☾
	25	19	☿ im Aphel
	26	19	♅ ☌ ☾
Dez.	6	10	♆ ☌ ☾
	8	13	♂ ☌ ☾
	11	14	☿ ☌ ♃, ☿ 2° 18′ S.
	13	—	☉ ringf. Finsternis
	14	21	♃ ☌ ☾
	15	7	☿ ☌ ☾
	17	17	♀ ☌ ☾
	20	19	♄ ☌ ☾
	21	21	♆ stationär in AR.
	22	0	Wintersanfang
	24	3	♅ ☌ ☾
	27	16	♃ ☌ ☉
	29	14	☿ gr. östl. El. 19° 37′

Präzession in Rektaszension (p_α) und Deklination (p_δ)

α \ δ	p_α +60°	+50°	+40°	+30°	+20°	+10°	0°	−10°	−20°	−30°	−40°	−50°	−60°	p_δ
h	s	s	s	s	s	s	s	s	s	s	s	s	s	"
0	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0
1	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	+19.4
2	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	+17.4
3	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	+14.2
4	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	+10.0
5	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	+ 5.2
6	5.39	4.67	4.19	3.84	3.56	3.31	3.07	2.84	2.59	2.30	1.95	1.48	0.76	0.0
7	5.31	4.61	4.16	3.82	3.54	3.30	3.07	2.84	2.60	2.33	1.99	1.53	0.84	− 5.2
8	5.08	4.45	4.04	3.74	3.49	3.28	3.07	2.87	2.65	2.41	2.10	1.69	1.07	−10.0
9	4.71	4.20	3.87	3.62	3.42	3.24	3.07	2.91	2.73	2.53	2.28	1.95	1.44	−14.2
10	4.23	3.87	3.63	3.46	3.32	3.19	3.07	2.95	2.83	2.69	2.51	2.28	1.92	−17.4
11	3.67	3.48	3.36	3.27	3.20	3.13	3.07	3.01	2.95	2.87	2.78	2.66	2.47	−19.4
12	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	−20.0
13	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	−19.4
14	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	−17.4
15	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	−14.2
16	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	−10.0
17	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	− 5.2
18	0.76	1.48	1.95	2.30	2.59	2.84	3.07	3.31	3.56	3.84	4.19	4.67	5.39	0.0
19	0.84	1.53	1.99	2.33	2.60	2.84	3.07	3.30	3.54	3.82	4.16	4.61	5.31	+ 5.2
20	1.07	1.69	2.10	2.41	2.65	2.87	3.07	3.28	3.49	3.74	4.04	4.45	5.08	+10.0
21	1.44	1.95	2.28	2.53	2.73	2.91	3.07	3.24	3.42	3.62	3.87	4.20	4.71	+14.2
22	1.92	2.28	2.51	2.69	2.83	2.95	3.07	3.19	3.32	3.46	3.63	3.87	4.23	+17.4
23	2.47	2.66	2.78	2.87	2.95	3.01	3.07	3.13	3.20	3.27	3.36	3.48	3.67	+19.4
24	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	+20.0

Präzessionswerte und Schiefe der Ekliptik

Zeit	m	n	ψ	log π	Π	ε
1900.0	3ˢ.07233	20".0468	50".2564	9.67309	173° 57'.06	23° 27' 8".26
1905.0	3.07243	20.0464	50.2575	9.67305	173 59.80	23 27 5.92
1910.0	3.07252	20.0460	50.2586	9.67302	174 2.53	23 27 3.58
1915.0	3.07261	20.0456	50.2597	9.67299	174 5.27	23 27 1.23
1920.0	3.07271	20.0451	50.2608	9.67296	174 8.01	23 26 58.89
1925.0	3.07280	20.0447	50.2620	9.67293	174 10.75	23 26 56.55
1930.0	3.07289	20.0443	50.2631	9.67290	174 13.49	23 26 54.21
1935.0	3.07299	20.0438	50.2642	9.67287	174 16.23	23 26 51.87
1940.0	3.07308	20.0434	50.2653	9.67284	174 18.97	23 26 49.52
1945.0	3.07317	20.0430	50.2664	9.67281	174 21.71	23 26 47.18
1950.0	3.07327	20.0426	50.2675	9.67278	174 24.45	23 26 44.84

Länge λ	Präzession in Länge p_λ — Breite β 0°	+1°	+2°	+3°	+4°	+5°	+6°	+7°	+8°	+9°	Präz. in Br. p_β — Länge λ	Präzession p_β	
0°	50".262	".254	".245	".237	".229	50".221	".213	".205	".196	".188	0°	+0".048	80
10	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	10	+0.128	77
20	.262	.255	.247	.240	.232	.225	.217	.210	.202	.195	20	+0.205	70
30	.262	.255	.249	.242	.235	.229	.222	.215	.208	.202	30	+0.275	63
40	50.262	.256	.251	.245	.239	50.233	.227	.221	.216	.210	40	+0.338	52
50	.262	.257	.253	.248	.243	.239	.234	.229	.225	.220	50	+0.390	40
60	.262	.259	.255	.252	.249	.245	.242	.238	.235	.231	60	+0.430	26
70	.262	.260	.258	.256	.254	.252	.250	.248	.246	.244	70	+0.456	14
80	50.262	.261	.261	.260	.259	50.259	.258	.258	.257	.257	80	+0.470	1
90	.262	.263	.263	.264	.265	.266	.267	.268	.269	.270	90	+0.469	16
100	.262	.264	.267	.269	.271	.273	.275	.277	.280	.282	100	+0.453	29
110	.262	.266	.269	.273	.277	.280	.284	.287	.291	.294	110	+0.424	42
120	50.262	.267	.271	.276	.281	50.286	.291	.296	.301	.306	120	+0.382	54
130	.262	.268	.274	.280	.286	.292	.298	.304	.310	.316	130	+0.328	63
140	.262	.269	.275	.282	.289	.296	.303	.310	.317	.324	140	+0.265	72
150	.262	.270	.277	.285	.292	.300	.307	.315	.322	.330	150	+0.193	77
160	50.262	.270	.278	.286	.294	50.302	.310	.318	.326	.334	160	+0.116	81
170	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	170	+0.035	83
180	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	180	−0.048	80
190	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	190	−0.128	77
200	50.262	.269	.277	.284	.292	50.299	.307	.314	.322	.329	200	−0.205	70
210	.262	.269	.275	.282	.289	.295	.302	.309	.316	.322	210	−0.275	63
220	.262	.268	.273	.279	.285	.291	.297	.303	.308	.314	220	−0.338	52
230	.262	.267	.271	.276	.281	.285	.290	.295	.299	.304	230	−0.390	40
240	50.262	.265	.269	.272	.275	50.279	.282	.286	.289	.293	240	−0.430	26
250	.262	.264	.266	.268	.270	.272	.274	.276	.278	.280	250	−0.456	14
260	.262	.263	.263	.264	.265	.265	.266	.266	.267	.267	260	−0.470	1
270	.262	.261	.261	.260	.259	.258	.257	.256	.255	.254	270	−0.469	16
280	50.262	.260	.257	.255	.253	50.251	.249	.247	.244	.242	280	−0.453	29
290	.262	.258	.255	.251	.247	.244	.240	.237	.233	.230	290	−0.424	42
300	.262	.257	.253	.248	.243	.238	.233	.228	.223	.218	300	−0.382	54
310	.262	.256	.250	.244	.238	.232	.226	.220	.214	.208	310	−0.328	63
320	50.262	.255	.249	.242	.235	50.228	.221	.214	.207	.200	320	−0.265	72
330	.262	.254	.247	.239	.232	.224	.217	.209	.202	.194	330	−0.193	77
340	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	340	−0.116	81
350	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	350	−0.035	83
360	50.262	.254	.245	.237	.229	50.221	.213	.205	.196	.188	360	+0.048	

Länge λ	Präzession in Länge p_λ — Breite β 0°	−1°	−2°	−3°	−4°	−5°	−6°	−7°	−8°	−9°	Länge λ	Präz. in Br. p_β — Präzession p_β	
0°	50.262″	.270″	.279″	.287″	.295″	50.303″	.311″	.319″	.328″	.336″	0°	+0.048″	80
10	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	10	+0.128	77
20	.262	.269	.277	.284	.292	.299	.307	.314	.322	.329	20	+0.205	70
30	.262	.269	.275	.282	.289	.295	.302	.309	.316	.322	30	+0.275	63
40	50.262	.268	.273	.279	.285	50.291	.297	.303	.308	.314	40	+0.338	52
50	.262	.267	.271	.276	.281	.285	.290	.295	.299	.304	50	+0.390	40
60	.262	.265	.269	.272	.275	.279	.282	.286	.289	.293	60	+0.430	26
70	.262	.264	.266	.268	.270	.272	.274	.276	.278	.280	70	+0.456	14
80	50.262	.263	.263	.264	.265	50.265	.266	.266	.267	.267	80	+0.470	1
90	.262	.261	.261	.260	.259	.258	.257	.256	.255	.254	90	+0.469	16
100	.262	.260	.257	.255	.253	.251	.249	.247	.244	.242	100	+0.453	29
110	.262	.258	.255	.251	.247	.244	.240	.237	.233	.230	110	+0.424	42
120	50.262	.257	.253	.248	.243	50.238	.233	.228	.223	.218	120	+0.382	54
130	.262	.256	.250	.244	.238	.232	.226	.220	.214	.208	130	+0.328	63
140	.262	.255	.249	.242	.235	.228	.221	.214	.207	.200	140	+0.265	72
150	.262	.254	.247	.239	.232	.224	.217	.209	.202	.194	150	+0.193	77
160	50.262	.254	.246	.238	.230	50.222	.214	.206	.198	.190	160	+0.116	81
170	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	170	+0.035	83
180	.262	.254	.245	.237	.229	.221	.213	.205	.196	.188	180	−0.048	80
190	.262	.254	.246	.238	.230	.222	.214	.206	.198	.190	190	−0.128	77
200	50.262	.255	.247	.240	.232	50.225	.217	.210	.202	.195	200	−0.205	70
210	.262	.255	.249	.242	.235	.229	.222	.215	.208	.202	210	−0.275	63
220	.262	.256	.251	.245	.239	.233	.227	.221	.216	.210	220	−0.338	52
230	.262	.257	.253	.248	.243	.239	.234	.229	.225	.220	230	−0.390	40
240	50.262	.259	.255	.252	.249	50.245	.242	.238	.235	.231	240	−0.430	26
250	.262	.260	.258	.256	.254	.252	.250	.248	.246	.244	250	−0.456	14
260	.262	.261	.261	.260	.259	.259	.258	.258	.257	.257	260	−0.470	1
270	.262	.263	.263	.264	.265	.266	.267	.268	.269	.270	270	−0.469	16
280	50.262	.264	.267	.269	.271	50.273	.275	.277	.280	.282	280	−0.453	29
290	.262	.266	.269	.273	.277	.280	.284	.287	.291	.294	290	−0.424	42
300	.262	.267	.271	.276	.281	.286	.291	.296	.301	.306	300	−0.382	54
310	.262	.268	.274	.280	.286	.292	.298	.304	.310	.316	310	−0.328	63
320	50.262	.269	.275	.282	.289	50.296	.303	.310	.317	.324	320	−0.265	72
330	.262	.270	.277	.285	.292	.300	.307	.315	.322	.330	330	−0.193	77
340	.262	.270	.278	.286	.294	.302	.310	.318	.326	.334	340	−0.116	81
350	.262	.270	.279	.287	.295	.303	.311	.319	.328	.336	350	−0.035	83
360	50.262	.270	.279	.287	.295	50.303	.311	.319	.328	.336	360	+0.048	

Verwandlung von mittlerer Zeit in Sternzeit

Red.	0^m	1^m	2^m	3^m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 5 15	12 10 29	18 15 44	0.00	0 0	0.50	3 3
1	0 6 5	6 11 20	12 16 34	18 21 49	0.01	0 4	0.51	3 6
2	0 12 10	6 17 25	12 22 40	18 27 54	0.02	0 7	0.52	3 10
3	0 18 16	6 23 30	12 28 45	18 33 59	0.03	0 11	0.53	3 14
4	0 24 21	6 29 36	12 34 50	18 40 5	0.04	0 15	0.54	3 17
5	0 30 26	6 35 41	12 40 55	18 46 10	0.05	0 18	0.55	3 21
6	0 36 31	6 41 46	12 47 1	18 52 15	0.06	0 22	0.56	3 25
7	0 42 37	6 47 51	12 53 6	18 58 20	0.07	0 26	0.57	3 28
8	0 48 42	6 53 56	12 59 11	19 4 26	0.08	0 29	0.58	3 32
9	0 54 47	7 0 2	13 5 16	19 10 31	0.09	0 33	0.59	3 35
10	1 0 52	7 6 7	13 11 21	19 16 36	0.10	0 37	0.60	3 39
11	1 6 58	7 12 12	13 17 27	19 22 41	0.11	0 40	0.61	3 43
12	1 13 3	7 18 17	13 23 32	19 28 47	0.12	0 44	0.62	3 46
13	1 19 8	7 24 23	13 29 37	19 34 52	0.13	0 47	0.63	3 50
14	1 25 13	7 30 28	13 35 42	19 40 57	0.14	0 51	0.64	3 54
15	1 31 19	7 36 33	13 41 48	19 47 2	0.15	0 55	0.65	3 57
16	1 37 24	7 42 38	13 47 53	19 53 7	0.16	0 58	0.66	4 1
17	1 43 29	7 48 44	13 53 58	19 59 13	0.17	1 2	0.67	4 5
18	1 49 34	7 54 49	14 0 3	20 5 18	0.18	1 6	0.68	4 8
19	1 55 40	8 0 54	14 6 9	20 11 23	0.19	1 9	0.69	4 12
20	2 1 45	8 6 59	14 12 14	20 17 28	0.20	1 13	0.70	4 16
21	2 7 50	8 13 5	14 18 19	20 23 34	0.21	1 17	0.71	4 19
22	2 13 55	8 19 10	14 24 24	20 29 39	0.22	1 20	0.72	4 23
23	2 20 1	8 25 15	14 30 30	20 35 44	0.23	1 24	0.73	4 27
24	2 26 6	8 31 20	14 36 35	20 41 49	0.24	1 28	0.74	4 30
25	2 32 11	8 37 26	14 42 40	20 47 55	0.25	1 31	0.75	4 34
26	2 38 16	8 43 31	14 48 45	20 54 0	0.26	1 35	0.76	4 38
27	2 44 22	8 49 36	14 54 51	21 0 5	0.27	1 39	0.77	4 41
28	2 50 27	8 55 41	15 0 56	21 6 10	0.28	1 42	0.78	4 45
29	2 56 32	9 1 47	15 7 1	21 12 16	0.29	1 46	0.79	4 49
30	3 2 37	9 7 52	15 13 6	21 18 21	0.30	1 50	0.80	4 52
31	3 8 43	9 13 57	15 19 12	21 24 26	0.31	1 53	0.81	4 56
32	3 14 48	9 20 2	15 25 17	21 30 31	0.32	1 57	0.82	4 59
33	3 20 53	9 26 8	15 31 22	21 36 37	0.33	2 1	0.83	5 3
34	3 26 58	9 32 13	15 37 27	21 42 42	0.34	2 4	0.84	5 7
35	3 33 3	9 38 18	15 43 33	21 48 47	0.35	2 8	0.85	5 10
36	3 39 9	9 44 23	15 49 38	21 54 52	0.36	2 11	0.86	5 14
37	3 45 14	9 50 28	15 55 43	22 0 58	0.37	2 15	0.87	5 18
38	3 51 19	9 56 34	16 1 48	22 7 3	0.38	2 19	0.88	5 21
39	3 57 24	10 2 39	16 7 54	22 13 8	0.39	2 22	0.89	5 25
40	4 3 30	10 8 44	16 13 59	22 19 13	0.40	2 26	0.90	5 29
41	4 9 35	10 14 49	16 20 4	22 25 19	0.41	2 30	0.91	5 32
42	4 15 40	10 20 55	16 26 9	22 31 24	0.42	2 33	0.92	5 36
43	4 21 45	10 27 0	16 32 14	22 37 29	0.43	2 37	0.93	5 40
44	4 27 51	10 33 5	16 38 20	22 43 34	0.44	2 41	0.94	5 43
45	4 33 56	10 39 10	16 44 25	22 49 39	0.45	2 44	0.95	5 47
46	4 40 1	10 45 16	16 50 30	22 55 45	0.46	2 48	0.96	5 51
47	4 46 6	10 51 21	16 56 35	23 1 50	0.47	2 52	0.97	5 54
48	4 52 12	10 57 26	17 2 41	23 7 55	0.48	2 55	0.98	5 58
49	4 58 17	11 3 31	17 8 46	23 14 0	0.49	2 59	0.99	6 2
50	5 4 22	11 9 37	17 14 51	23 20 6	0.50	3 3	1.00	6 5
51	5 10 27	11 15 42	17 20 56	23 26 11				
52	5 16 33	11 21 47	17 27 2	23 32 16				
53	5 22 38	11 27 52	17 33 7	23 38 21				
54	5 28 43	11 33 58	17 39 12	23 44 27				
55	5 34 48	11 40 3	17 45 17	23 50 32				
56	5 40 54	11 46 8	17 51 23	23 56 37				
57	5 46 59	11 52 13	17 57 28	24 2 42				
58	5 53 4	11 58 19	18 3 33	24 8 48				
59	5 59 9	12 4 24	18 9 38	24 14 53				

Die Reduktion ist zur mittleren Zeit zu addieren.

Red.	0m	1m	2m	3m	Red.		Red.	
s	h m s	h m s	h m s	h m s	s	m s	s	m s
0	0 0 0	6 6 15	12 12 29	18 18 44	0.00	0 0	0.50	3 3
1	0 6 6	6 12 21	12 18 35	18 24 50	0.01	0 4	0.51	3 7
2	0 12 12	6 18 27	12 24 42	18 30 56	0.02	0 7	0.52	3 10
3	0 18 19	6 24 33	12 30 48	18 37 2	0.03	0 11	0.53	3 14
4	0 24 25	6 30 40	12 36 54	18 43 9	0.04	0 15	0.54	3 18
5	0 30 31	6 36 46	12 43 0	18 49 15	0.05	0 18	0.55	3 21
6	0 36 37	6 42 52	12 49 7	18 55 21	0.06	0 22	0.56	3 25
7	0 42 44	6 48 58	12 55 13	19 1 27	0.07	0 26	0.57	3 29
8	0 48 50	6 55 4	13 1 19	19 7 34	0.08	0 29	0.58	3 32
9	0 54 56	7 1 11	13 7 25	19 13 40	0.09	0 33	0.59	3 36
10	1 1 2	7 7 17	13 13 31	19 19 46	0.10	0 37	0.60	3 40
11	1 7 9	7 13 23	13 19 38	19 25 52	0.11	0 40	0.61	3 43
12	1 13 15	7 19 29	13 25 44	19 31 59	0.12	0 44	0.62	3 47
13	1 19 21	7 25 36	13 31 50	19 38 5	0.13	0 48	0.63	3 51
14	1 25 27	7 31 42	13 37 56	19 44 11	0.14	0 51	0.64	3 54
15	1 31 34	7 37 48	13 44 3	19 50 17	0.15	0 55	0.65	3 58
16	1 37 40	7 43 54	13 50 9	19 56 23	0.16	0 59	0.66	4 2
17	1 43 46	7 50 1	13 56 15	20 2 30	0.17	1 2	0.67	4 5
18	1 49 52	7 56 7	14 2 21	20 8 36	0.18	1 6	0.68	4 9
19	1 55 59	8 2 13	14 8 28	20 14 42	0.19	1 10	0.69	4 13
20	2 2 5	8 8 19	14 14 34	20 20 48	0.20	1 13	0.70	4 16
21	2 8 11	8 14 26	14 20 40	20 26 55	0.21	1 17	0.71	4 20
22	2 14 17	8 20 32	14 26 46	20 33 1	0.22	1 21	0.72	4 24
23	2 20 24	8 26 38	14 32 53	20 39 7	0.23	1 24	0.73	4 27
24	2 26 30	8 32 44	14 38 59	20 45 13	0.24	1 28	0.74	4 31
25	2 32 36	8 38 51	14 45 5	20 51 20	0.25	1 32	0.75	4 35
26	2 38 42	8 44 57	14 51 11	20 57 26	0.26	1 35	0.76	4 38
27	2 44 49	8 51 3	14 57 18	21 3 32	0.27	1 39	0.77	4 42
28	2 50 55	8 57 9	15 3 24	21 9 38	0.28	1 43	0.78	4 46
29	2 57 1	9 3 16	15 9 30	21 15 45	0.29	1 46	0.79	4 49
30	3 3 7	9 9 22	15 15 36	21 21 51	0.30	1 50	0.80	4 53
31	3 9 14	9 15 28	15 21 43	21 27 57	0.31	1 54	0.81	4 57
32	3 15 20	9 21 34	15 27 49	21 34 3	0.32	1 57	0.82	5 0
33	3 21 26	9 27 41	15 33 55	21 40 10	0.33	2 1	0.83	5 4
34	3 27 32	9 33 47	15 40 1	21 46 16	0.34	2 5	0.84	5 8
35	3 33 38	9 39 53	15 46 8	21 52 22	0.35	2 8	0.85	5 11
36	3 39 45	9 45 59	15 52 14	21 58 28	0.36	2 12	0.86	5 15
37	3 45 51	9 52 5	15 58 20	22 4 35	0.37	2 16	0.87	5 19
38	3 51 57	9 58 12	16 4 26	22 10 41	0.38	2 19	0.88	5 22
39	3 58 3	10 4 18	16 10 33	22 16 47	0.39	2 23	0.89	5 26
40	4 4 10	10 10 24	16 16 39	22 22 53	0.40	2 26	0.90	5 30
41	4 10 16	10 16 30	16 22 45	22 29 0	0.41	2 30	0.91	5 33
42	4 16 22	10 22 37	16 28 51	22 35 6	0.42	2 34	0.92	5 37
43	4 22 28	10 28 43	16 34 57	22 41 12	0.43	2 37	0.93	5 41
44	4 28 35	10 34 49	16 41 4	22 47 18	0.44	2 41	0.94	5 44
45	4 34 41	10 40 55	16 47 10	22 53 24	0.45	2 45	0.95	5 48
46	4 40 47	10 47 2	16 53 16	22 59 31	0.46	2 48	0.96	5 52
47	4 46 53	10 53 8	16 59 22	23 5 37	0.47	2 52	0.97	5 55
48	4 53 0	10 59 14	17 5 29	23 11 43	0.48	2 56	0.98	5 59
49	4 59 6	11 5 20	17 11 35	23 17 49	0.49	2 59	0.99	6 3
50	5 5 12	11 11 27	17 17 41	23 23 56	0.50	3 3	1.00	6 6
51	5 11 18	11 17 33	17 23 47	23 30 2				
52	5 17 25	11 23 39	17 29 54	23 36 8				
53	5 23 31	11 29 45	17 36 0	23 42 14				
54	5 29 37	11 35 52	17 42 6	23 48 21				
55	5 35 43	11 41 58	17 48 12	23 54 27				
56	5 41 50	11 48 4	17 54 19	24 0 33				
57	5 47 56	11 54 10	18 0 25	24 6 39				
58	5 54 2	12 0 17	18 6 31	24 12 46				
59	6 0 8	12 6 23	18 12 37	24 18 52				

Die Reduktion ist von der Sternzeit zu subtrahieren.

Verwandlung von mittlerer Zeit in Sternzeit

Red. s	0^m h m s	1^m h m s	2^m h m s	3^m h m s	Red. s
0	0 0 0.0	6 5 14.5	12 10 29.1	18 15 43.6	0
1	6 5.2	11 19.8	16 34.3	21 48.8	1
2	12 10.5	17 25.0	22 39.6	27 54.1	2
3	18 15.7	23 30.3	28 44.8	33 59.3	3
4	24 21.0	29 35.5	34 50.0	40 4.6	4
5	30 26.2	35 40.7	40 55.3	46 9.8	5
6	36 31.5	41 46.0	47 0.5	52 15.1	6
7	42 36.7	47 51.2	53 5.8	18 58 20.3	7
8	48 41.9	6 53 56.5	12 59 11.0	19 4 25.5	8
9	0 54 47.2	7 0 1.7	13 5 16.2	10 30.8	9
10	1 0 52.4	6 7.0	11 21.5	16 36.0	10
11	6 57.7	12 12.2	17 26.7	22 41.3	11
12	13 2.9	18 17.4	23 32.0	28 46.5	12
13	19 8.1	24 22.7	29 37.2	34 51.8	13
14	25 13.4	30 27.9	35 42.5	40 57.0	14
15	31 18.6	36 33.2	41 47.7	47 2.2	15
16	37 23.9	42 38.4	47 52.9	53 7.5	16
17	43 29.1	48 43.7	13 53 58.2	19 59 12.7	17
18	49 34.4	7 54 48.9	14 0 3.4	20 5 18.0	18
19	1 55 39.6	8 0 54.1	6 8.7	11 23.2	19
20	2 1 44.8	6 59.4	12 13.9	17 28.4	20
21	7 50.1	13 4.6	18 19.2	23 33.7	21
22	13 55.3	19 9.9	24 24.4	29 38.9	22
23	20 0.6	25 15.1	30 29.6	35 44.2	23
24	26 5.8	31 20.3	36 34.9	41 49.4	24
25	32 11.1	37 25.6	42 40.1	47 54.7	25
26	38 16.3	43 30.8	48 45.4	20 53 59.9	26
27	44 21.5	49 36.1	14 54 50.6	21 0 5.1	27
28	50 26.8	8 55 41.3	15 0 55.9	6 10.4	28
29	2 56 32.0	9 1 46.6	7 1.1	12 15.6	29
30	3 2 37.3	7 51.8	13 6.3	18 20.9	30
31	8 42.5	13 57.0	19 11.6	24 26.1	31
32	14 47.8	20 2.3	25 16.8	30 31.4	32
33	20 53.0	26 7.5	31 22.1	36 36.6	33
34	26 58.2	32 12.8	37 27.3	42 41.8	34
35	33 3.5	38 18.0	43 32.5	48 47.1	35
36	39 8.7	44 23.3	49 37.8	21 54 52.3	36
37	45 14.0	50 28.5	15 55 43.0	22 0 57.6	37
38	51 19.2	9 56 33.7	16 1 48.3	7 2.8	38
39	3 57 24.4	10 2 39.0	7 53.5	13 8.0	39
40	4 3 29.7	8 44.2	13 58.8	19 13.3	40
41	9 34.9	14 49.5	20 4.0	25 18.5	41
42	15 40.2	20 54.7	26 9.2	31 23.8	42
43	21 45.4	27 0.0	32 14.5	37 29.0	43
44	27 50.7	33 5.2	38 19.7	43 34.3	44
45	33 55.9	39 10.4	44 25.0	49 39.5	45
46	40 1.1	45 15.7	50 30.2	22 55 44.7	46
47	46 6.4	51 20.9	16 56 35.5	23 1 50.0	47
48	52 11.6	10 57 26.2	17 2 40.7	7 55.2	48
49	4 58 16.9	11 3 31.4	8 45.9	14 0.5	49
50	5 4 22.1	9 36.6	14 51.2	20 5.7	50
51	10 27.4	15 41.9	20 56.4	26 11.0	51
52	16 32.6	21 47.1	27 1.7	32 16.2	52
53	22 37.8	27 52.4	33 6.9	38 21.4	53
54	28 43.1	33 57.6	39 12.1	44 26.7	54
55	34 48.3	40 2.9	45 17.4	50 31.9	55
56	40 53.6	46 8.1	51 22.6	23 56 37.2	56
57	46 58.8	52 13.3	17 57 27.9	24 2 42.4	57
58	53 4.0	11 58 18.6	18 3 33.1	8 47.7	58
59	5 59 9.3	12 4 23.8	18 9 38.4	24 14 52.9	59

Die Reduktion ist zur mittleren Zeit zu addieren.

Red. s	m s	Red. s	m s
0.00	0 0.0	0.50	3 2.6
01	3.7	51	6.3
02	7.3	52	9.9
03	11.0	53	13.6
04	14.6	54	17.2
0.05	18.3	0.55	20.9
06	21.9	56	24.5
07	25.6	57	28.2
08	29.2	58	31.8
09	32.9	59	35.5
0.10	36.5	0.60	39.1
11	40.2	61	42.8
12	43.8	62	46.5
13	47.5	63	50.1
14	51.1	64	53.8
0.15	54.8	0.65	3 57.4
16	0 58.4	66	4 1.1
17	1 2.1	67	4.7
18	5.7	68	8.4
19	9.4	69	12.0
0.20	13.0	0.70	15.7
21	16.7	71	19.3
22	20.4	72	23.0
23	24.0	73	26.6
24	27.7	74	30.3
0.25	31.3	0.75	33.9
26	35.0	76	37.6
27	38.6	77	41.2
28	42.3	78	44.9
29	45.9	79	48.5
0.30	49.6	0.80	52.2
31	53.2	81	55.8
32	1 56.9	82	4 59.5
33	2 0.5	83	5 3.2
34	4.2	84	6.8
0.35	7.8	0.85	10.5
36	11.5	86	14.1
37	15.1	87	17.8
38	18.8	88	21.4
39	22.4	89	25.1
0.40	26.1	0.90	28.7
41	29.7	91	32.4
42	33.4	92	36.0
43	37.1	93	39.7
44	40.7	94	43.3
0.45	44.4	0.95	47.0
46	48.0	96	50.6
47	51.7	97	54.3
48	55.3	98	5 57.9
0.49	2 59.0	0.99	6 1.6

Red. s	s	Red. s	s	Red. s	s
0.000		0.003		0.006	
	0.2		1.3		2.4
001		004		007	
	0.5		1.6		2.7
002		005		008	
	0.9		2.0		3.1
003		006		009	
	1.3		2.4		3.5
0.004		0.007		0.010	
					3.8

Red. s	0m h m s	1m h m s	2m h m s	3m h m s	Red. s
0	0 0 0.0	6 6 14.5	12 12 29.1	18 18 43.6	0
1	6 6.2	12 20.8	18 35.3	24 49.9	1
2	12 12.5	18 27.0	24 41.6	30 56.1	2
3	18 18.7	24 33.3	30 47.8	37 2.3	3
4	24 25.0	30 39.5	36 54.0	43 8.6	4
5	30 31.2	36 45.7	43 0.3	49 14.8	5
6	36 37.5	42 52.0	49 6.5	18 55 21.1	6
7	42 43.7	48 58.2	12 55 12.8	19 1 27.3	7
8	48 49.9	6 55 4.5	13 1 19.0	7 33.5	8
9	0 54 56.2	7 1 10.7	7 25.3	13 39.8	9
10	1 1 2.4	7 17.0	13 31.5	19 46.0	10
11	7 8.7	13 23.2	19 37.7	25 52.3	11
12	13 14.9	19 29.4	25 44.0	31 58.5	12
13	19 21.1	25 35.7	31 50.2	38 4.8	13
14	25 27.4	31 41.9	37 56.5	44 11.0	14
15	31 33.6	37 48.2	44 2.7	50 17.2	15
16	37 39.9	43 54.4	50 8.9	19 56 23.5	16
17	43 46.1	50 0.7	13 56 15.2	20 2 29.7	17
18	49 52.4	7 56 6.9	14 2 21.4	8 36.0	18
19	1 55 58.6	8 2 13.1	8 27.7	14 42.2	19
20	2 2 4.8	8 19.4	14 33.9	20 48.5	20
21	8 11.1	14 25.6	20 40.2	26 54.7	21
22	14 17.3	20 31.9	26 46.4	33 0.9	22
23	20 23.6	26 38.1	32 52.6	39 7.2	23
24	26 29.8	32 44.4	38 58.9	45 13.4	24
25	32 36.1	38 50.6	45 5.1	51 19.7	25
26	38 42.3	44 56.8	51 11.4	20 57 25.9	26
27	44 48.5	51 3.1	14 57 17.6	21 3 32.2	27
28	50 54.8	8 57 9.3	15 3 23.9	9 38.4	28
29	2 57 1.0	9 3 15.6	9 30.1	15 44.6	29
30	3 3 7.3	9 21.8	15 36.3	21 50.9	30
31	9 13.5	15 28.0	21 42.6	27 57.1	31
32	15 19.8	21 34.3	27 48.8	34 3.4	32
33	21 26.0	27 40.5	33 55.1	40 9.6	33
34	27 32.2	33 46.8	40 1.3	46 15.8	34
35	33 38.5	39 53.0	46 7.6	52 22.1	35
36	39 44.7	45 59.3	52 13.8	21 58 28.3	36
37	45 51.0	52 5.5	15 58 20.0	22 4 34.6	37
38	51 57.2	9 58 11.7	16 4 26.3	10 40.8	38
39	3 58 3.4	10 4 18.0	10 32.5	16 47.1	39
40	4 4 9.7	10 24.2	16 38.8	22 53.3	40
41	10 15.9	16 30.5	22 45.0	28 59.5	41
42	16 22.2	22 36.7	28 51.2	35 5.8	42
43	22 28.4	28 43.0	34 57.5	41 12.0	43
44	28 34.7	34 49.2	41 3.7	47 18.3	44
45	34 40.9	40 55.4	47 10.0	53 24.5	45
46	40 47.1	47 1.7	53 16.2	22 59 30.8	46
47	46 53.4	53 7.9	16 59 22.5	23 5 37.0	47
48	52 59.6	10 59 14.2	17 5 28.7	11 43.2	48
49	4 59 5.9	11 5 20.4	11 34.9	17 49.5	49
50	5 5 12.1	11 26.7	17 41.2	23 55.7	50
51	11 18.4	17 32.9	23 47.4	30 2.0	51
52	17 24.6	23 39.1	29 53.7	36 8.2	52
53	23 30.8	29 45.4	35 59.9	42 14.5	53
54	29 37.1	35 51.6	42 6.2	48 20.7	54
55	35 43.3	41 57.9	48 12.4	23 54 26.9	55
56	41 49.6	48 4.1	17 54 18.6	24 0 33.2	56
57	47 55.8	11 54 10.3	18 0 24.9	6 39.4	57
58	5 54 2.1	12 0 16.6	6 31.1	12 45.7	58
59	6 0 8.3	12 6 22.8	18 12 37.4	24 18 51.9	59

Die Reduktion ist von der Sternzeit zu subtrahieren.

Red. s	m s	Red. s	m s
0.00	0 0.0	0.50	3 3.1
01	3.7	51	6.8
02	7.3	52	10.4
03	11.0	53	14.1
04	14.6	54	17.8
0.05	18.3	0.55	21.4
06	22.0	56	25.1
07	25.6	57	28.8
08	29.3	58	32.4
09	33.0	59	36.1
0.10	36.6	0.60	39.7
11	40.3	61	43.4
12	43.9	62	47.1
13	47.6	63	50.7
14	51.3	64	54.4
0.15	54.9	0.65	3 58.1
16	0 58.6	66	4 1.7
17	1 2.3	67	5.4
18	5.9	68	9.0
19	9.6	69	12.7
0.20	13.2	0.70	16.4
21	16.9	71	20.0
22	20.6	72	23.7
23	24.2	73	27.4
24	27.9	74	31.0
0.25	31.6	0.75	34.7
26	35.2	76	38.3
27	38.9	77	42.0
28	42.5	78	45.7
29	46.2	79	49.3
0.30	49.9	0.80	53.0
31	53.5	81	4 56.7
32	1 57.2	82	5 0.3
33	2 0.9	83	4.0
34	4.5	84	7.6
0.35	8.2	0.85	11.3
36	11.8	86	15.0
37	15.5	87	18.6
38	19.2	88	22.3
39	22.8	89	26.0
0.40	26.5	0.90	29.6
41	30.2	91	33.3
42	33.8	92	36.9
43	37.5	93	40.6
44	41.1	94	44.3
0.45	44.8	0.95	47.9
46	48.5	96	51.6
47	52.1	97	55.3
48	55.8	98	5 58.9
0.49	2 59.5	0.99	6 2.6

Red. s	s	Red. s	s	Red. s	s
0.000		0.003		0.006	
	0.2		1.3		2.4
001		004		007	
	0.5		1.6		2.7
002		005		008	
	0.9		2.0		3.1
003		006		009	
	1.3		2.4		3.5
0.004		0.007		0.010	
					3.8

m	0h d	1h d	2h d	3h d	4h d	5h d	s	d
0	0.000000	0.041667	0.083333	0.125000	0.166667	0.208333	0	0.000000
1	000694	042361	084028	125694	167361	209028	1	000012
2	001389	043056	084722	126389	168056	209722	2	000023
3	002083	043750	085417	127083	168750	210417	3	000035
4	002778	044444	086111	127778	169444	211111	4	000046
5	0.003472	0.045139	0.086806	0.128472	0.170139	0.211806	5	0.000058
6	004167	045833	087500	129167	170833	212500	6	000069
7	004861	046528	088194	129861	171528	213194	7	000081
8	005556	047222	088889	130556	172222	213889	8	000093
9	006250	047917	089583	131250	172917	214583	9	000104
10	0.006944	0.048611	0.090278	0.131944	0.173611	0.215278	10	0.000116
11	007639	049306	090972	132639	174306	215972	11	000127
12	008333	050000	091667	133333	175000	216667	12	000139
13	009028	050694	092361	134028	175694	217361	13	000150
14	009722	051389	093056	134722	176389	218056	14	000162
15	0.010417	0.052083	0.093750	0.135417	0.177083	0.218750	15	0.000174
16	011111	052778	094444	136111	177778	219444	16	000185
17	011806	053472	095139	136806	178472	220139	17	000197
18	012500	054167	095833	137500	179167	220833	18	000208
19	013194	054861	096528	138194	179861	221528	19	000220
20	0.013889	0.055556	0.097222	0.138889	0.180556	0.222222	20	0.000231
21	014583	056250	097917	139583	181250	222917	21	000243
22	015278	056944	098611	140278	181944	223611	22	000255
23	015972	057639	099306	140972	182639	224306	23	000266
24	016667	058333	100000	141667	183333	225000	24	000278
25	0.017361	0.059028	0.100694	0.142361	0.184028	0.225694	25	0.000289
26	018056	059722	101389	143056	184722	226389	26	000301
27	018750	060417	102083	143750	185417	227083	27	000313
28	019444	061111	102778	144444	186111	227778	28	000324
29	020139	061806	103472	145139	186806	228472	29	000336
30	0.020833	0.062500	0.104167	0.145833	0.187500	0.229167	30	0.000347
31	021528	063194	104861	146528	188194	229861	31	000359
32	022222	063889	105556	147222	188889	230556	32	000370
33	022917	064583	106250	147917	189583	231250	33	000382
34	023611	065278	106944	148611	190278	231944	34	000394
35	0.024306	0.065972	0.107639	0.149306	0.190972	0.232639	35	0.000405
36	025000	066667	108333	150000	191667	233333	36	000417
37	025694	067361	109028	150694	192361	234028	37	000428
38	026389	068056	109722	151389	193056	234722	38	000440
39	027083	068750	110417	152083	193750	235417	39	000451
40	0.027778	0.069444	0.111111	0.152778	0.194444	0.236111	40	0.000463
41	028472	070139	111806	153472	195139	236806	41	000475
42	029167	070833	112500	154167	195833	237500	42	000486
43	029861	071528	113194	154861	196528	238194	43	000498
44	030556	072222	113889	155556	197222	238889	44	000509
45	0.031250	0.072917	0.114583	0.156250	0.197917	0.239583	45	0.000521
46	031944	073611	115278	156944	198611	240278	46	000532
47	032639	074306	115972	157639	199306	240972	47	000544
48	033333	075000	116667	158333	200000	241667	48	000556
49	034028	075694	117361	159028	200694	242361	49	000567
50	0.034722	0.076389	0.118056	0.159722	0.201389	0.243056	50	0.000579
51	035417	077083	118750	160417	202083	243750	51	000590
52	036111	077778	119444	161111	202778	244444	52	000602
53	036806	078472	120139	161806	203472	245139	53	000613
54	037500	079167	120833	162500	204167	245833	54	0.000625
55	0.038194	0.079861	0.121528	0.163194	0.204861	0.246528	55	000637
56	038889	080556	122222	163889	205556	247222	56	000648
57	039583	081250	122917	164583	206250	247917	57	000660
58	040278	081944	123611	165278	206944	248611	58	000671
59	0.040972	0.082639	0.124306	0.165972	0.207639	0 249306	59	0.000683

m	6h	7h	8h	9h	10h	11h	s	d
	d	d	d	d	d	d		
0	0.250000	0.291667	0.333333	0.375000	0.416667	0.458333	0	0.000000
1	250694	292361	334028	375694	417361	459028	1	000012
2	251389	293056	334722	376389	418056	459722	2	000023
3	252083	293750	335417	377083	418750	460417	3	000035
4	252778	294444	336111	377778	419444	461111	4	000046
5	0.253472	0.295139	0.336806	0.378472	0.420139	0.461806	5	0.000058
6	254167	295833	337500	379167	420833	462500	6	000069
7	254861	296528	338194	379861	421528	463194	7	000081
8	255556	297222	338889	380556	422222	463889	8	000093
9	256250	297917	339583	381250	422917	464583	9	000104
10	0.256944	0.298611	0.340278	0.381944	0.423611	0.465278	10	0.000116
11	257639	299306	340972	382639	424306	465972	11	000127
12	258333	300000	341667	383333	425000	466667	12	000139
13	259028	300694	342361	384028	425694	467361	13	000150
14	259722	301389	343056	384722	426389	468056	14	000162
15	0.260417	0.302083	0.343750	0.385417	0.427083	0.468750	15	0.000174
16	261111	302778	344444	386111	427778	469444	16	000185
17	261806	303472	345139	386806	428472	470139	17	000197
18	262500	304167	345833	387500	429167	470833	18	000208
19	263194	304861	346528	388194	429861	471528	19	000220
20	0.263889	0.305556	0.347222	0.388889	0.430556	0.472222	20	0.000231
21	264583	306250	347917	389583	431250	472917	21	000243
22	265278	306944	348611	390278	431944	473611	22	000255
23	265972	307639	349306	390972	432639	474306	23	000266
24	266667	308333	350000	391667	433333	475000	24	000278
25	0.267361	0.309028	0.350694	0.392361	0.434028	0.475694	25	0.000289
26	268056	309722	351389	393056	434722	476389	26	000301
27	268750	310417	352083	393750	435417	477083	27	000313
28	269444	311111	352778	394444	436111	477778	28	000324
29	270139	311806	353472	395139	436806	478472	29	000336
30	0.270833	0.312500	0.354167	0.395833	0.437500	0.479167	30	0.000347
31	271528	313194	354861	396528	438194	479861	31	000359
32	272222	313889	355556	397222	438889	480556	32	000370
33	272917	314583	356250	397917	439583	481250	33	000382
34	273611	315278	356944	398611	440278	481944	34	000394
35	0.274306	0.315972	0.357639	0.399306	0.440972	0.482639	35	0.000405
36	275000	316667	358333	400000	441667	483333	36	000417
37	275694	317361	359028	400694	442361	484028	37	000428
38	276389	318056	359722	401389	443056	484722	38	000440
39	277083	318750	360417	402083	443750	485417	39	000451
40	0.277778	0.319444	0.361111	0.402778	0.444444	0.486111	40	0.000463
41	278472	320139	361806	403472	445139	486806	41	000475
42	279167	320833	362500	404167	445833	487500	42	000486
43	279861	321528	363194	404861	446528	488194	43	000498
44	280556	322222	363889	405556	447222	488889	44	000509
45	0.281250	0.322917	0.364583	0.406250	0.447917	0.489583	45	0.000521
46	281944	323611	365278	406944	448611	490278	46	000532
47	282639	324306	365972	407639	449306	490972	47	000544
48	283333	325000	366667	408333	450000	491667	48	000556
49	284028	325694	367361	409028	450694	492361	49	000567
50	0.284722	0.326389	0.368056	0.409722	0.451389	0.493056	50	0.000579
51	285417	327083	368750	410417	452083	493750	51	000590
52	286111	327778	369444	411111	452778	494444	52	000602
53	286806	328472	370139	411806	453472	495139	53	000613
54	287500	329167	370833	412500	454167	495833	54	000625
55	0.288194	0.329861	0.371528	0.413194	0.454861	0.496528	55	0.000637
56	288889	330556	372222	413889	455556	497222	56	000648
57	289583	331250	372917	414583	456250	497917	57	000660
58	290278	331944	373611	415278	456944	498611	58	000671
59	0.290972	0.332639	0.374306	0.415972	0.457639	0.499306	59	0.000683

I. Anzahl der am o. Januar, 12ʰ Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	0	100	200	300	400	500	600	700	800	900
	17	17	17	18	18	19	19	19	20	20
0	21057	57582	94107	30632	67157	03682	40207	76732	13257	49782
4	22518	59043	95568	32093	68618	05143	41668	78193	14718	51243
8	23979	60504	97029	33554	70079	06604	43129	79654	16179	52704
12	25440	61965	98490	35015	71540	08065	44590	81115	17640	54165
16	26901	63426	99951	36476	73001	09526	46051	82576	19101	55626
20	28362	64887	01412	37937	74462	10987	47512	84037	20562	57087
24	29823	66348	02873	39398	75923	12448	48973	85498	22023	58548
28	31284	67809	04334	40859	77384	13909	50434	86959	23484	60009
32	32745	69270	05795	42320	78845	15370	51895	88420	24945	61470
36	34206	70731	07256	43781	80306	16831	53356	89881	26406	62931
40	35667	72192	08717	45242	81767	18292	54817	91342	27867	64392
44	37128	73653	10178	46703	83228	19753	56278	92803	29328	65853
48	38589	75114	11639	48164	84689	21214	57739	94264	30789	67314
52	40050	76575	13100	49625	86150	22675	59200	95725	32250	68775
56	41511	78036	14561	51086	87611	24136	60661	97186	33711	70236
60	42972	79497	16022	52547	89072	25597	62122	98647	35172	71697
64	44433	80958	17483	54008	90533	27058	63583	00108	36633	73158
68	45894	82419	18944	55469	91994	28519	65044	01569	38094	74619
72	47355	83880	20405	56930	93455	29980	66505	03030	39555	76080
76	48816	85341	21866	58391	94916	31441	67966	04491	41016	77541
80	50277	86802	23327	59852	96377	32902	69427	05952	42477	79002
84	51738	88263	24788	61313	97838	34363	70888	07413	43938	80463
88	53199	89724	26249	62774	99299	35824	72349	08874	45399	81924
92	54660	91185	27710	64235	00760	37285	73810	10335	46860	83385
96	56121	92646	29171	65696	02221	38746	75271	11796	48321	84846
100	57582	94107	30632	67157	03682	40207	76732	13257	49782	86307
	17	17	18	18	19	19	19	20	20	20

Ia. Anzahl der am o. eines jeden Monats, 12ʰ Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. o	Febr. o	März o	April o	Mai o	Juni o	Juli o	Aug. o	Sept. o	Okt. o	Nov. o	Dez. o
0	0	31	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

I. Anzahl der am o. Januar, 12^h Welt-Zeit, seit Anfang der Periode verflossenen Tage

Jahr n. Chr.	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
	20	21	21	21	22	22	23	23	23	24
0	86307	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]
4	87768	24293	60818	97343	33868	70393	06908	43432	79956	16480
8	89229	25754	62279	98804	35329	71854	08369	44893	81417	17941
12	90690	27215	63740	00265	36790	73315	09830	46354	82878	19402
16	92151	28676	65201	01726	38251	74776	11291	47815	84339	20863
20	93612	30137	66662	03187	39712	76237	12752	49276	85800	22324
24	95073	31598	68123	04648	41173	77698	14213	50737	87261	23785
28	96534	33059	69584	06109	42634	79159	15674	52198	88722	25246
32	97995	34520	71045	07570	44095	80620	17135	53659	90183	26707
36	99456	35981	72506	09031	45556	82081	18596	55120	91644	28168
40	00917	37442	73967	10492	47017	83542	20057	56581	93105	29629
44	02378	38903	75428	11953	48478	85003	21518	58042	94566	31090
48	03839	40364	76889	13414	49939	86464	22979	59503	96027	32551
52	05300	41825	78350	14875	51400	87925	24440	60964	97488	34012
56	06761	43286	79811	16336	52861	89386	25901	62425	98949	35473
60	08222	44747	81272	17797	54322	90847	27362	63886	00410	36934
64	09683	46208	82733	19258	55783	92308	28823	65347	01871	38395
78	11144	47669	84194	20719	57244	93769	30284	66808	03332	39856
72	12605	49130	85655	22180	58705	95230	31745	68269	04793	41317
66	14066	50591	87116	23641	60166	96691	33206	69730	06254	42778
80	15527	52052	88577	25102	61627	98152	34667	71191	07715	44239
84	16988	53513	90038	26563	63088	99603	36128	72652	09176	45700
88	18449	54974	91499	28024	64549	01064	37589	74113	10637	47161
92	19910	56435	92960	29485	66010	02525	39050	75574	12098	48622
96	21371	57896	94421	30946	67471	03986	40511	77035	13559	50083
100	22832	59357	95882	32407	68932	05447	41971[1]	78495[1]	15019[1]	51544
	21	21	21	22	22	23	23	23	24	24

[1]) Die Zahlen geben die am —1. Jan. seit Anfang der Periode verflossenen Tage.

Ia. Anzahl der am o. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage

Jahr	Jan. 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
0	0[2])	31[2])	60	91	121	152	182	213	244	274	305	335
1	366	397	425	456	486	517	547	578	609	639	670	700
2	731	762	790	821	851	882	912	943	974	1004	1035	1065
3	1096	1127	1155	1186	1216	1247	1277	1308	1339	1369	1400	1430

Von 1582 Okt. 15 bis 1583 Dez. 31 sind die Zahlen der Tafel Ia um 10 zu verkleinern.

[2]) In den Jahren 1700, 1800, 1900 um 1 zu vergrößern.

Julianische Periode

II. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1860	2400 410	441	470	501	531	562	592	623	654	684	715	745
1861	776	807	835	866	896	927	957	988	*019	*049	*080	*110
1862	2401 141	172	200	231	261	292	322	353	384	414	445	475
1863	506	537	565	596	626	657	687	718	749	779	810	840
1864	871	902	931	962	992	*023	*053	*084	*115	*145	*176	*206
1865	2402 237	268	296	327	357	388	418	449	480	510	541	571
1866	602	633	661	692	722	753	783	814	845	875	906	936
1867	967	998	*026	*057	*087	*118	*148	*179	*210	*240	*271	*301
1868	2403 332	363	392	423	453	484	514	545	576	606	637	667
1869	698	729	757	788	818	849	879	910	941	971	*002	*032
1870	2404 063	094	122	153	183	214	244	275	306	336	367	397
1871	428	459	487	518	548	579	609	640	671	701	732	762
1872	793	824	853	884	914	945	975	*006	*037	*067	*098	*128
1873	2405 159	190	218	249	279	310	340	371	402	432	463	493
1874	524	555	583	614	644	675	705	736	767	797	828	858
1875	889	920	948	979	*009	*040	*070	*101	*132	*162	*193	*223
1876	2406 254	285	314	345	375	406	436	467	498	528	559	589
1877	620	651	679	710	740	771	801	832	863	893	924	954
1878	985	*016	*044	*075	*105	*136	*166	*197	*228	*258	*289	*319
1879	2407 350	381	409	440	470	501	531	562	593	623	654	684
1880	715	746	775	806	836	867	897	928	959	989	*020	*050
1881	2408 081	112	140	171	201	232	262	293	324	354	385	415
1882	446	477	505	536	566	597	627	658	689	719	750	780
1883	811	842	870	901	931	962	992	*023	*054	*084	*115	*145
1884	2409 176	207	236	267	297	328	358	389	420	450	481	511
1885	542	573	601	632	662	693	723	754	785	815	846	876
1886	907	938	966	997	*027	*058	*088	*119	*150	*180	*211	*241
1887	2410 272	303	331	362	392	423	453	484	515	545	576	606
1888	637	668	697	728	758	789	819	850	881	911	942	972
1889	2411 003	034	062	093	123	154	184	215	246	276	307	337
1890	368	399	427	458	488	519	549	580	611	641	672	702
1891	733	764	792	823	853	884	914	945	976	*006	*037	*067
1892	2412 098	129	158	189	219	250	280	311	342	372	403	433
1893	464	495	523	554	584	615	645	676	707	737	768	798
1894	829	860	888	919	949	980	*010	*041	*072	*102	*133	*163
1895	2413 194	225	253	284	314	345	375	406	437	467	498	528
1896	559	590	619	650	680	711	741	772	803	833	864	894
1897	925	956	984	*015	*045	*076	*106	*137	*168	*198	*229	*259
1898	2414 290	321	349	380	410	441	471	502	533	563	594	624
1899	655	686	714	745	775	806	836	867	898	928	959	989

Julianische Periode

II. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar 0	Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1900	2415 020	051	079	110	140	171	201	232	263	293	324	354
1901	385	416	444	475	505	536	566	597	628	658	689	719
1902	750	781	809	840	870	901	931	962	993	*023	*054	*084
1903	2416 115	146	174	205	235	266	296	327	358	388	419	449
1904	480	511	540	571	601	632	662	693	724	754	785	815
1905	846	877	905	936	966	997	*027	*058	*089	*119	*150	*180
1906	2417 211	242	270	301	331	362	392	423	454	484	515	545
1907	576	607	635	666	696	727	757	788	819	849	880	910
1908	941	972	*001	*032	*062	*093	*123	*154	*185	*215	*246	*276
1909	2418 307	338	366	397	427	458	488	519	550	580	611	641
1910	672	703	731	762	792	823	853	884	915	945	976	*006
1911	2419 037	068	096	127	157	188	218	249	280	310	341	371
1912	402	433	462	493	523	554	584	615	646	676	707	737
1913	768	799	827	858	888	919	949	980	*011	*041	*072	*102
1914	2420 133	164	192	223	253	284	314	345	376	406	437	467
1915	498	529	557	588	618	649	679	710	741	771	802	832
1916	863	894	923	954	984	*015	*045	*076	*107	*137	*168	*198
1917	2421 229	260	288	319	349	380	410	441	472	502	533	563
1918	594	625	653	684	714	745	775	806	837	867	898	928
1919	959	990	*018	*049	*079	*110	*140	*171	*202	*232	*263	*293
1920	2422 324	355	384	415	445	476	506	537	568	598	629	659
1921	690	721	749	780	810	841	871	902	933	963	994	*024
1922	2423 055	086	114	145	175	206	236	267	298	328	359	389
1923	420	451	479	510	540	571	601	632	663	693	724	754
1924	785	816	845	876	906	937	967	998	*029	*059	*090	*120
1925	2424 151	182	210	241	271	302	332	363	394	424	455	485
1926	516	547	575	606	636	667	697	728	759	789	820	850
1927	881	912	940	971	*001	*032	*062	*093	*124	*154	*185	*215
1928	2425 246	277	306	337	367	398	428	459	490	520	551	581
1929	612	643	671	702	732	763	793	824	855	885	916	946
1930	977	*008	*036	*067	*097	*128	*158	*189	*220	*250	*281	*311
1931	2426 342	373	401	432	462	493	523	554	585	615	646	676
1932	707	738	767	798	828	859	889	920	951	981	*012	*042
1933	2427 073	104	132	163	193	224	254	285	316	346	377	407
1934	438	469	497	528	558	589	619	650	681	711	742	772
1935	803	834	862	893	923	954	984	*015	*046	*076	*107	*137
1936	2428 168	199	228	259	289	320	350	381	412	442	473	503
1937	534	565	593	624	654	685	715	746	777	807	838	868
1938	899	930	958	989	*019	*050	*080	*111	*142	*172	*203	*233
1939	2429 264	295	323	354	384	415	445	476	507	537	568	598

Julianische Periode

II. Anzahl der am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Periode verflossenen Tage

Jahr n. Chr.	Januar 0		Febr. 0	März 0	April 0	Mai 0	Juni 0	Juli 0	Aug. 0	Sept. 0	Okt. 0	Nov. 0	Dez. 0
1940	2429	629	660	689	720	750	781	811	842	873	903	934	964
1941		995	*026	*054	*085	*115	*146	*176	*207	*238	*268	*299	*329
1942	2430	360	391	419	450	480	511	541	572	603	633	664	694
1943		725	756	784	815	845	876	906	937	968	998	*029	*059
1944	2431	090	121	150	181	211	242	272	303	334	364	395	425
1945		456	487	515	546	576	607	637	668	699	729	760	790
1946		821	852	880	911	941	972	*002	*033	*064	*094	*125	*155
1947	2432	186	217	245	276	306	337	367	398	429	459	490	520
1948		551	582	611	642	672	703	733	764	795	825	856	886
1949		917	948	976	*007	*037	*068	*098	*129	*160	*190	*221	*251
1950	2433	282	313	341	372	402	433	463	494	525	555	586	616
1951		647	678	706	737	767	798	828	859	890	920	951	981
1952	2434	012	043	072	103	133	164	194	225	256	286	317	347
1953		378	409	437	468	498	529	559	590	621	651	682	712
1954		743	774	802	833	863	894	924	955	986	*016	*047	*077
1955	2435	108	139	167	198	228	259	289	320	351	381	412	442
1956		473	504	533	564	594	625	655	686	717	747	778	808
1957		839	870	898	929	959	990	*020	*051	*082	*112	*143	*173
1958	2436	204	235	263	294	324	355	385	416	447	477	508	538
1959		569	600	628	659	689	720	750	781	812	842	873	903
1960		934	965	994	*025	*055	*086	*116	*147	*178	*208	*239	*269
1961	2437	300	331	359	390	420	451	481	512	543	573	604	634
1962		665	696	724	755	785	816	846	877	908	938	969	999
1963	2438	030	061	089	120	150	181	211	242	273	303	334	364
1964		395	426	455	486	516	547	577	608	639	669	700	730
1965		761	792	820	851	881	912	942	973	*004	*034	*065	*095
1966	2439	126	157	185	216	246	277	307	338	369	399	430	460
1967		491	522	550	581	611	642	672	703	734	764	795	825
1968		856	887	916	947	977	*008	*038	*069	*100	*130	*161	*191
1969	2440	222	253	281	312	342	373	403	434	465	495	526	556
1970		587	618	646	677	707	738	768	799	830	860	891	921
1971		952	983	*011	*042	*072	*103	*133	*164	*195	*225	*256	*286
1972	2441	317	348	377	408	438	469	499	530	561	591	622	652
1973		683	714	742	773	803	834	864	895	926	956	987	*017
1974	2442	048	079	107	138	168	199	229	260	291	321	352	382
1975		413	444	472	503	533	564	594	625	656	686	717	747
1976		778	809	838	869	899	930	960	991	*022	*052	*083	*113
1977	2443	144	175	203	234	264	295	325	356	387	417	448	478
1978		509	540	568	599	629	660	690	721	752	782	813	843
1979	2443	874	905	933	964	994	*025	*055	*086	*117	*147	*178	*208

′	″	°	′	″	°	″	°	″	°
0	0.0	0.000	3	0.0	0.050	0.000	0.00000	1.800	0.00050
	3.6	01		3.6	51	036	01	836	51
	7.2	02		7.2	52	072	02	872	52
	10.8	03		10.8	53	108	03	908	53
	14.4	04		14.4	54	144	04	944	54
0	18.0	0.005	3	18.0	0.055	0.180	0.00005	1.980	0.00055
	21.6	06		21.6	56	216	06	2.016	56
	25.2	07		25.2	57	252	07	052	57
	28.8	08		28.8	58	288	08	088	58
	32.4	09		32.4	59	324	09	124	59
0	36.0	0.010	3	36.0	0.060	0.360	0.00010	2.160	0.00060
	39.6	11		39.6	61	396	11	196	61
	43.2	12		43.2	62	432	12	232	62
	46.8	13		46.8	63	468	13	268	63
	50.4	14		50.4	64	504	14	304	64
	54.0	0.015		54.0	0.065	0.540	0.00015	2.340	0.00065
0	57.6	16	3	57.6	66	576	16	376	66
1	1.2	17	4	1.2	67	612	17	412	67
	4.8	18		4.8	68	648	18	448	68
	8.4	19		8.4	69	684	19	484	69
1	12.0	0.020	4	12.0	0.070	0.720	0.00020	2.520	0.00070
	15.6	21		15.6	71	756	21	556	71
	19.2	22		19.2	72	792	22	592	72
	22.8	23		22.8	73	828	23	628	73
	26.4	24		26.4	74	864	24	664	74
1	30.0	0.025	4	30.0	0.075	0.900	0.00025	2.700	0.00075
	33.6	26		33.6	76	936	26	736	76
	37.2	27		37.2	77	0.972	27	772	77
	40.8	28		40.8	78	1.008	28	808	78
	44.4	29		44.4	79	044	29	844	79
1	48.0	0.030	4	48.0	0.080	1.080	0.00030	2.880	0.00080
	51.6	31		51.6	81	116	31	916	81
	55.2	32		55.2	82	152	32	952	82
1	58.8	33	4	58.8	83	188	33	2.988	83
2	2.4	34	5	2.4	84	224	34	3.024	84
	6.0	0.035		6.0	0.085	1.260	0.00035	060	0.00085
	9.6	36		9.6	86	296	36	096	86
	13.2	37		13.2	87	332	37	132	87
	16.8	38		16.8	88	368	38	168	88
	20.4	39		20.4	89	404	39	204	89
2	24.0	0.040	5	24.0	0.090	1.440	0.00040	3.240	0.00090
	27.6	41		27.6	91	476	41	276	91
	31.2	42		31.2	92	512	42	312	92
	34.8	43		34.8	93	548	43	348	93
	38.4	44		38.4	94	584	44	384	94
2	42.0	0.045	5	42.0	0.095	1.620	0.00045	3.420	0.00095
	45.6	46		45.6	96	656	46	456	96
	49.2	47		49.2	97	692	47	492	97
	52.8	48		52.8	98	728	48	528	98
2	56.4	49	5	56.4	99	764	49	564	99
3	0.0	0.050	6	0.0	0.100	1.800	0.00050	3.600	0.00100

δ \ φ	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	4 45.4	4 38.8	4 31.8	4 24.4	4 16.5	4 8.1	3 58.9	3 48.9	3 37.9	3 25.7	3 11.8
29	4 48.6	4 42.3	4 35.6	4 28.6	4 21.1	4 13.0	4 4.3	3 54.9	3 44.5	3 33.0	3 20.1
28	4 51.7	4 45.7	4 39.3	4 32.6	4 25.5	4 17.8	4 9.6	4 0.7	3 50.9	3 40.1	3 28.0
27	4 54.7	4 49.0	4 42.9	4 36.5	4 29.8	4 22.5	4 14.7	4 6.2	3 57.0	3 46.9	3 35.5
26	4 57.7	4 52.2	4 46.5	4 40.4	4 33.9	4 27.1	4 19.7	4 11.7	4 3.0	3 53.4	3 42.8
25	5 0.6	4 55.4	4 49.9	4 44.2	4 38.0	4 31.5	4 24.5	4 16.9	4 8.7	3 59.7	3 49.7
24	5 3.5	4 58.5	4 53.3	4 47.8	4 42.0	4 35.8	4 29.2	4 22.0	4 14.3	4 5.8	3 56.5
23	5 6.3	5 1.6	4 56.6	4 51.4	4 45.9	4 40.1	4 33.8	4 27.0	4 19.7	4 11.8	4 3.0
22	5 9.0	5 4.6	4 59.9	4 55.0	4 49.7	4 44.2	4 38.3	4 31.9	4 25.0	4 17.5	4 9.3
21	5 11.7	5 7.5	5 3.1	4 58.4	4 53.5	4 48.3	4 42.7	4 36.7	4 30.2	4 23.2	4 15.4
−20	5 14.4	5 10.4	5 6.2	5 1.8	4 57.2	4 52.3	4 47.0	4 41.3	4 35.3	4 28.7	4 21.4
19	5 17.0	5 13.3	5 9.3	5 5.2	5 0.8	4 56.2	4 51.2	4 45.9	4 40.2	4 34.0	4 27.3
18	5 19.6	5 16.1	5 12.4	5 8.5	5 4.4	5 0.0	4 55.4	4 50.4	4 45.1	4 39.3	4 33.0
17	5 22.2	5 18.9	5 15.4	5 11.7	5 7.9	5 3.8	4 59.5	4 54.9	4 49.9	4 44.5	4 38.6
16	5 24.7	5 21.6	5 18.4	5 14.9	5 11.4	5 7.5	5 3.5	4 59.2	4 54.6	4 49.5	4 44.1
15	5 27.2	5 24.3	5 21.3	5 18.1	5 14.8	5 11.2	5 7.5	5 3.5	4 59.2	4 54.5	4 49.5
14	5 29.7	5 27.0	5 24.2	5 21.3	5 18.2	5 14.9	5 11.4	5 7.7	5 3.7	4 59.5	4 54.8
13	5 32.1	5 29.7	5 27.1	5 24.4	5 21.5	5 18.5	5 15.3	5 11.9	5 8.2	5 4.3	5 0.0
12	5 34.6	5 32.3	5 29.9	5 27.4	5 24.8	5 22.1	5 19.1	5 16.0	5 12.6	5 9.0	5 5.1
11	5 37.0	5 34.9	5 32.7	5 30.5	5 28.1	5 25.6	5 22.9	5 20.1	5 17.0	5 13.7	5 10.2
−10	5 39.4	5 37.5	5 35.5	5 33.5	5 31.3	5 29.1	5 26.7	5 24.1	5 21.4	5 18.4	5 15.2
9	5 41.7	5 40.1	5 38.3	5 36.5	5 34.6	5 32.5	5 30.4	5 28.1	5 25.7	5 23.0	5 20.2
8	5 44.1	5 42.6	5 41.1	5 39.5	5 37.8	5 36.0	5 34.1	5 32.1	5 29.9	5 27.6	5 25.1
7	5 46.4	5 45.2	5 43.8	5 42.4	5 41.0	5 39.4	5 37.8	5 36.0	5 34.2	5 32.2	5 30.0
6	5 48.8	5 47.7	5 46.6	5 45.4	5 44.1	5 42.8	5 41.4	5 40.0	5 38.4	5 36.7	5 34.9
5	5 51.1	5 50.2	5 49.3	5 48.3	5 47.3	5 46.2	5 45.1	5 43.9	5 42.6	5 41.2	5 39.7
4	5 53.4	5 52.7	5 52.0	5 51.2	5 50.4	5 49.6	5 48.7	5 47.8	5 46.8	5 45.7	5 44.5
3	5 55.8	5 55.2	5 54.7	5 54.1	5 53.6	5 53.0	5 52.3	5 51.6	5 50.9	5 50.1	5 49.3
2	5 58.1	5 57.7	5 57.4	5 57.1	5 56.7	5 56.3	5 55.9	5 55.5	5 55.1	5 54.6	5 54.1
− 1	6 0.4	6 0.2	6 0.1	6 0.0	5 59.8	5 59.7	5 59.5	5 59.4	5 59.2	5 59.0	5 58.9
0	6 2.7	6 2.7	6 2.8	6 2.9	6 2.9	6 3.0	6 3.1	6 3.2	6 3.4	6 3.5	6 3.6
+ 1	6 5.0	6 5.2	6 5.5	6 5.8	6 6.1	6 6.4	6 6.7	6 7.1	6 7.5	6 7.9	6 8.4
2	6 7.3	6 7.7	6 8.2	6 8.7	6 9.2	6 9.8	6 10.3	6 11.0	6 11.6	6 12.4	6 13.2
3	6 9.6	6 10.3	6 10.9	6 11.6	6 12.3	6 13.1	6 14.0	6 14.8	6 15.8	6 16.8	6 18.0
4	6 11.9	6 12.8	6 13.6	6 14.5	6 15.5	6 16.5	6 17.6	6 18.7	6 20.0	6 21.3	6 22.8
5	6 14.3	6 15.3	6 16.4	6 17.5	6 18.6	6 19.9	6 21.2	6 22.6	6 24.2	6 25.8	6 27.6
6	6 16.6	6 17.8	6 19.1	6 20.4	6 21.8	6 23.3	6 24.9	6 26.6	6 28.4	6 30.4	6 32.5
7	6 19.0	6 20.4	6 21.8	6 23.4	6 25.0	6 26.7	6 28.6	6 30.5	6 32.6	6 34.9	6 37.4
8	6 21.3	6 22.9	6 24.6	6 26.4	6 28.2	6 30.2	6 32.3	6 34.5	6 36.9	6 39.5	6 42.3
9	6 23.7	6 25.5	6 27.4	6 29.4	6 31.4	6 33.7	6 36.0	6 38.5	6 41.2	6 44.1	6 47.3
10	6 26.1	6 28.1	6 30.2	6 32.4	6 34.7	6 37.2	6 39.8	6 42.5	6 45.6	6 48.8	6 52.3
+11	6 28.5	6 30.7	6 33.0	6 35.4	6 38.0	6 40.7	6 43.6	6 46.6	6 49.9	6 53.5	6 57.4
12	6 31.0	6 33.4	6 35.9	6 38.5	6 41.3	6 44.3	6 47.4	6 50.8	6 54.4	6 58.3	7 2.5
13	6 33.4	6 36.0	6 38.8	6 41.6	6 44.7	6 47.9	6 51.3	6 54.9	6 58.9	7 3.1	7 7.8
14	6 35.9	6 38.7	6 41.7	6 44.8	6 48.0	6 51.5	6 55.2	6 59.2	7 3.4	7 8.0	7 13.1
15	6 38.4	6 41.4	6 44.6	6 47.9	6 51.5	6 55.2	6 59.2	7 3.5	7 8.1	7 13.0	7 18.5
16	6 41.0	6 44.2	6 47.6	6 51.2	6 54.9	6 58.9	7 3.2	7 7.8	7 12.7	7 18.1	7 23.9
17	6 43.5	6 47.0	6 50.6	6 54.4	6 58.5	7 2.7	7 7.3	7 12.2	7 17.5	7 23.3	7 29.5
18	6 46.1	6 49.8	6 53.7	6 57.7	7 2.0	7 6.6	7 11.5	7 16.7	7 22.4	7 28.5	7 35.3
19	6 48.8	6 52.7	6 56.8	7 1.1	7 5.7	7 10.5	7 15.7	7 21.3	7 27.4	7 33.9	7 41.1
20	6 51.5	6 55.6	6 59.9	7 4.5	7 9.4	7 14.5	7 20.1	7 26.0	7 32.4	7 39.4	7 47.1
+21	6 54.2	6 58.6	7 3.1	7 8.0	7 13.1	7 18.6	7 24.5	7 30.8	7 37.6	7 45.1	7 53.3
22	6 56.9	7 1.6	7 6.4	7 11.5	7 17.0	7 22.8	7 29.0	7 35.7	7 42.9	7 50.9	7 59.6
23	6 59.8	7 4.6	7 9.7	7 15.1	7 20.9	7 27.0	7 33.6	7 40.7	7 48.4	7 56.8	8 6.1
24	7 2.6	7 7.7	7 13.1	7 18.8	7 24.9	7 31.3	7 38.3	7 45.8	7 54.0	8 2.9	8 12.9
25	7 5.6	7 10.9	7 16.6	7 22.6	7 29.0	7 35.8	7 43.1	7 51.1	7 59.8	8 9.3	8 19.9
26	7 8.5	7 14.2	7 20.1	7 26.4	7 33.2	7 40.4	7 48.1	7 56.5	8 5.7	8 15.8	8 27.1
27	7 11.6	7 17.5	7 23.8	7 30.4	7 37.5	7 45.0	7 53.2	8 2.1	8 11.8	8 22.6	8 34.7
28	7 14.7	7 20.9	7 27.5	7 34.4	7 41.9	7 49.9	7 58.5	8 7.9	8 18.2	8 29.7	8 42.6
29	7 17.9	7 24.4	7 31.3	7 38.6	7 46.4	7 54.8	8 3.9	8 13.9	8 24.8	8 37.1	8 51.0
+30	7 21.2	7 28.0	7 35.2	7 42.9	7 51.1	7 59.9	8 9.5	8 20.1	8 31.7	8 44.8	8 59.7

δ \ φ	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
°	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
−30	3 11.8	3 4.1	2 55.8	2 46.8	2 36.9	2 25.9	2 13.5	1 59.3	1 42.4	1 21.1	0 49.7
29	3 20.1	3 12.9	3 5.3	2 57.0	2 48.0	2 38.1	2 27.1	2 14.7	2 0.4	1 43.4	1 21.9
28	3 28.0	3 21.3	3 14.2	3 6.6	2 58.3	2 49.3	2 39.4	2 28.4	2 15.9	2 1.6	1 44.5
27	3 35.5	3 29.3	3 22.7	3 15.7	3 8.0	2 59.8	2 50.8	2 40.8	2 29.8	2 17.3	2 2.9
26	3 42.8	3 37.0	3 30.8	3 24.2	3 17.2	3 9.6	3 1.4	2 52.4	2 42.4	2 31.3	2 18.8
25	3 49.7	3 44.3	3 38.6	3 32.4	3 25.9	3 18.9	3 11.3	3 3.1	2 54.1	2 44.1	2 33.0
24	3 56.5	3 51.4	3 46.0	3 40.3	3 34.3	3 27.8	3 20.8	3 13.2	3 5.0	2 56.0	2 46.0
23	4 3.0	3 58.2	3 53.2	3 47.9	3 42.3	3 36.2	3 29.8	3 22.8	3 15.3	3 7.1	2 58.0
22	4 9.3	4 4.9	4 0.2	3 55.2	3 50.0	3 44.3	3 38.4	3 31.9	3 25.0	3 17.5	3 9.3
21	4 15.4	4 11.3	4 6.9	4 2.3	3 57.4	3 52.2	3 46.6	3 40.7	3 34.3	3 27.4	3 19.9
−20	4 21.4	4 17.5	4 13.5	4 9.1	4 4.6	3 59.8	3 54.6	3 49.1	3 43.2	3 36.9	3 30.0
19	4 27.3	4 23.7	4 19.9	4 15.8	4 11.6	4 7.1	4 2.3	3 57.2	3 51.8	3 45.9	3 39.6
18	4 33.0	4 29.6	4 26.1	4 22.3	4 18.4	4 14.2	4 9.8	4 5.1	4 0.1	3 54.7	3 48.9
17	4 38.6	4 35.4	4 32.1	4 28.7	4 25.0	4 21.1	4 17.0	4 12.7	4 8.1	4 3.1	3 57.8
16	4 44.1	4 41.2	4 38.1	4 34.9	4 31.5	4 27.9	4 24.1	4 20.1	4 15.9	4 11.3	4 6.4
15	4 49.5	4 46.8	4 43.9	4 41.0	4 37.8	4 34.5	4 31.0	4 27.4	4 23.4	4 19.3	4 14.8
14	4 54.8	4 52.3	4 49.7	4 46.9	4 44.1	4 41.0	4 37.8	4 34.4	4 30.8	4 27.0	4 22.9
13	5 0.0	4 57.7	4 55.3	4 52.8	4 50.2	4 47.4	4 44.5	4 41.4	4 38.1	4 34.6	4 30.9
12	5 5.1	5 3.0	5 0.9	4 58.6	4 56.2	4 53.7	4 51.0	4 48.2	4 45.2	4 42.0	4 38.7
11	5 10.2	5 8.3	5 6.4	5 4.3	5 2.1	4 59.8	4 57.4	4 54.9	4 52.2	4 49.3	4 46.3
−10	5 15.2	5 13.5	5 11.8	5 9.9	5 7.9	5 5.9	5 3.7	5 1.5	4 59.1	4 56.5	4 53.8
9	5 20.2	5 18.7	5 17.1	5 15.5	5 13.7	5 11.9	5 10.0	5 8.0	5 5.8	5 3.6	5 1.2
8	5 25.1	5 23.8	5 22.4	5 21.0	5 19.5	5 17.9	5 16.2	5 14.4	5 12.5	5 10.6	5 8.5
7	5 30.0	5 28.9	5 27.7	5 26.4	5 25.1	5 23.8	5 22.3	5 20.8	5 19.2	5 17.5	5 15.7
6	5 34.9	5 33.9	5 32.9	5 31.8	5 30.7	5 29.6	5 28.4	5 27.1	5 25.7	5 24.3	5 22.8
5	5 39.7	5 38.9	5 38.1	5 37.2	5 36.3	5 35.4	5 34.4	5 33.4	5 32.2	5 31.1	5 29.9
4	5 44.5	5 43.9	5 43.3	5 42.6	5 41.9	5 41.2	5 40.4	5 39.6	5 38.7	5 37.8	5 36.9
3	5 49.3	5 48.9	5 48.4	5 47.9	5 47.4	5 46.9	5 46.3	5 45.8	5 45.2	5 44.5	5 43.8
2	5 54.1	5 53.8	5 53.5	5 53.3	5 52.9	5 52.6	5 52.3	5 52.0	5 51.6	5 51.2	5 50.8
− 1	5 58.9	5 58.8	5 58.7	5 58.6	5 58.4	5 58.3	5 58.2	5 58.1	5 58.0	5 57.9	5 57.7
0	6 3.6	6 3.7	6 3.8	6 3.9	6 4.0	6 4.1	6 4.2	6 4.3	6 4.4	6 4.5	6 4.7
+ 1	6 8.4	6 8.6	6 8.9	6 9.2	6 9.5	6 9.8	6 10.1	6 10.4	6 10.8	6 11.2	6 11.6
2	6 13.2	6 13.6	6 14.0	6 14.5	6 15.0	6 15.5	6 16.0	6 16.6	6 17.2	6 17.8	6 18.5
3	6 18.0	6 18.6	6 19.2	6 19.8	6 20.5	6 21.2	6 22.0	6 22.8	6 23.6	6 24.6	6 25.5
4	6 22.8	6 23.5	6 24.4	6 25.2	6 26.1	6 27.0	6 28.0	6 29.0	6 30.1	6 31.3	6 32.5
5	6 27.6	6 28.6	6 29.6	6 30.6	6 31.7	6 32.8	6 34.0	6 35.3	6 36.6	6 38.1	6 39.6
6	6 32.5	6 33.6	6 34.8	6 36.0	6 37.3	6 38.7	6 40.1	6 41.6	6 43.2	6 44.9	6 46.7
7	6 37.4	6 38.7	6 40.0	6 41.5	6 43.0	6 44.6	6 46.2	6 48.0	6 49.8	6 51.8	6 53.9
8	6 42.3	6 43.8	6 45.3	6 47.0	6 48.7	6 50.5	6 52.4	6 54.4	6 56.5	6 58.8	7 1.2
9	6 47.3	6 48.9	6 50.7	6 52.6	6 54.5	6 56.5	6 58.7	7 0.9	7 3.3	7 5.9	7 8.6
10	6 52.3	6 54.1	6 56.1	6 58.2	7 0.3	7 2.6	7 5.0	7 7.5	7 10.2	7 13.1	7 16.2
+11	6 57.4	6 59.4	7 1.6	7 3.9	7 6.3	7 8.8	7 11.4	7 14.2	7 17.2	7 20.4	7 23.8
12	7 2.5	7 4.8	7 7.2	7 9.7	7 12.3	7 15.1	7 18.0	7 21.1	7 24.3	7 27.8	7 31.5
13	7 7.8	7 10.2	7 12.8	7 15.5	7 18.4	7 21.4	7 24.6	7 28.0	7 31.6	7 35.4	7 39.5
14	7 13.1	7 15.7	7 18.6	7 21.5	7 24.6	7 27.9	7 31.4	7 35.1	7 39.0	7 43.2	7 47.7
15	7 18.5	7 21.4	7 24.4	7 27.6	7 31.0	7 34.6	7 38.3	7 42.4	7 46.6	7 51.2	7 56.1
16	7 23.9	7 27.1	7 30.4	7 33.8	7 37.5	7 41.4	7 45.4	7 49.8	7 54.4	7 59.4	8 4.7
17	7 29.5	7 32.9	7 36.5	7 40.2	7 44.1	7 48.3	7 52.7	7 57.4	8 2.5	8 7.9	8 13.7
18	7 35.3	7 38.9	7 42.7	7 46.7	7 50.9	7 55.4	8 0.2	8 5.3	8 10.8	8 16.6	8 23.0
19	7 41.1	7 45.0	7 49.1	7 53.4	7 57.9	8 2.8	8 7.9	8 13.4	8 19.4	8 25.7	8 32.6
20	7 47.1	7 51.3	7 55.6	8 0.3	8 5.2	8 10.4	8 15.9	8 21.9	8 28.3	8 35.2	8 42.8
+21	7 53.3	7 57.7	8 2.4	8 7.3	8 12.6	8 18.2	8 24.2	8 30.7	8 37.6	8 45.2	8 53.5
22	7 59.6	8 4.3	8 9.4	8 14.7	8 20.3	8 26.4	8 32.8	8 39.8	8 47.4	8 55.7	9 4.8
23	8 6.1	8 11.2	8 16.6	8 22.3	8 28.3	8 34.9	8 41.9	8 49.5	8 57.7	9 6.8	9 16.9
24	8 12.9	8 18.3	8 24.0	8 30.2	8 36.7	8 43.8	8 51.4	8 59.6	9 8.7	9 18.8	9 30.0
25	8 19.9	8 25.7	8 31.8	8 38.4	8 45.5	8 53.1	9 1.4	9 10.5	9 20.5	9 31.7	9 44.4
26	8 27.1	8 33.4	8 40.0	8 47.0	8 54.7	9 3.0	9 12.1	9 22.1	9 33.2	9 45.9	10 0.6
27	8 34.7	8 41.4	8 48.5	8 56.1	9 4.4	9 13.5	9 23.5	9 34.6	9 47.3	10 1.9	10 19.5
28	8 42.6	8 49.8	8 57.5	9 5.8	9 14.8	9 24.8	9 35.9	9 48.5	10 3.1	10 20.5	10 42.9
29	8 51.0	8 58.7	9 7.0	9 16.1	9 26.0	9 37.1	9 49.6	10 4.1	10 21.5	10 43.7	11 18.1
+30	8 59.7	9 8.1	9 17.2	9 27.1	9 38.2	9 50.7	10 5.1	10 22.3	10 44.4	11 18.5	—

Reduktionstafel

für den Auf- und Untergang der Sonne

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang.

Tag		Geographische Breite										
		+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
1936		m	m	m	m	m	m	m	m	m	m	m
Jan.	2	−62.6	−57.9	−53.0	−47.9	−42.5	−36.6	−30.4	−23.7	−16.5	−8.7	0.0
	12	−58.4	−53.9	−49.4	−44.5	−39.5	−34.1	−28.3	−22.0	−15.3	−8.0	0.0
	22	−52.0	−48.0	−43.9	−39.5	−35.1	−30.2	−25.0	−19.6	−13.6	−7.1	0.0
Febr.	1	−44.1	−40.7	−37.2	−33.5	−29.6	−25.6	−21.1	−16.4	−11.5	−5.9	0.0
	11	−35.3	−32.6	−29.7	−26.8	−23.7	−20.4	−16.8	−13.0	− 9.1	−4.7	0.0
	21	−26.0	−24.0	−21.8	−19.7	−17.4	−14.9	−12.3	− 9.5	− 6.6	−3.4	0.0
März	2	−16.3	−15.1	−13.7	−12.4	−10.9	− 9.3	− 7.7	− 5.9	− 4.1	−2.1	0.0
	12	− 6.6	− 6.2	− 5.6	− 5.1	− 4.4	− 3.7	− 3.1	− 2.4	− 1.7	−0.8	0.0
	22	+ 3.1	+ 2.8	+ 2.6	+ 2.4	+ 2.1	+ 1.9	+ 1.5	+ 1.2	+ 0.8	+0.4	0.0
April	1	+12.7	+11.7	+10.7	+ 9.7	+ 8.6	+ 7.4	+ 6.1	+ 4.8	+ 3.3	+1.7	0.0
	11	+22.4	+20.6	+18.9	+17.0	+15.0	+12.9	+10.6	+ 8.4	+ 5.7	+3.0	0.0
	21	+31.8	+29.3	+26.9	+24.2	+21.3	+18.4	+15.2	+11.9	+ 8.2	+4.3	0.0
Mai	1	+40.9	+37.8	+34.6	+31.2	+27.6	+23.7	+19.8	+15.4	+10.7	+5.6	0.0
	11	+49.5	+45.8	+41.8	+37.8	+33.6	+28.8	+24.0	+18.6	+13.0	+6.8	0.0
	21	+57.0	+52.9	+48.4	+43.7	+38.8	+33.4	+27.8	+21.7	+15.1	+7.9	0.0
	31	+63.1	+58.6	+53.7	+48.5	+43.1	+37.1	+30.9	+24.2	+16.9	+8.8	0.0
Juni	10	+67.2	+62.3	+57.2	+51.7	+45.9	+39.7	+33.1	+26.0	+18.0	+9.5	0.0
	20	+68.8	+63.8	+58.6	+52.9	+47.0	+40.7	+33.9	+26.6	+18.5	+9.8	0.0
	30	+67.8	+62.8	+57.7	+52.1	+46.3	+40.0	+33.3	+26.2	+18.2	+9.6	0.0
Juli	10	+64.3	+59.5	+54.6	+49.3	+43.9	+37.9	+31.5	+24.7	+17.1	+9.1	0.0
	20	+58.6	+54.2	+49.7	+44.9	+39.9	+34.4	+28.5	+22.4	+15.5	+8.2	0.0
	30	+51.3	+47.5	+43.6	+39.2	+34.8	+30.0	+24.9	+19.5	+13.5	+7.0	0.0
Aug.	9	+43.1	+39.8	+36.5	+32.8	+29.1	+25.1	+20.8	+16.2	+11.3	+5.8	0.0
	19	+34.2	+31.6	+28.8	+26.0	+23.0	+19.9	+16.5	+12.7	+ 8.9	+4.6	0.0
	29	+24.9	+23.0	+21.0	+19.0	+16.7	+14.4	+12.0	+ 9.2	+ 6.5	+3.3	0.0
Sept.	8	+15.5	+14.2	+13.0	+11.8	+10.4	+ 8.9	+ 7.4	+ 5.7	+ 4.0	+2.0	0.0
	18	+ 6.0	+ 5.4	+ 4.9	+ 4.5	+ 4.0	+ 3.4	+ 2.8	+ 2.2	+ 1.6	+0.8	0.0
	28	− 3.8	− 3.4	− 3.1	− 2.7	− 2.4	− 2.1	− 1.7	− 1.3	− 0.9	−0.5	0.0
Okt.	8	−13.3	−12.2	−11.1	−10.0	− 8.8	− 7.6	− 6.2	− 4.9	− 3.3	−1.7	0.0
	18	−22.8	−21.0	−19.2	−17.2	−15.2	−13.1	−10.7	− 8.4	− 5.7	−3.0	0.0
	28	−32.1	−29.6	−27.1	−24.3	−21.5	−18.4	−15.2	−11.9	− 8.2	−4.3	0.0
Nov.	7	−41.0	−37.9	−34.6	−31.2	−27.6	−23.6	−19.6	−15.3	−10.5	−5.6	0.0
	17	−49.3	−45.5	−41.6	−37.6	−33.1	−28.5	−23.7	−18.4	−12.8	−6.8	0.0
	27	−56.2	−52.0	−47.5	−42.9	−38.0	−32.7	−27.2	−21.2	−14.8	−7.7	0.0
Dez.	7	−61.3	−56.7	−51.9	−46.8	−41.5	−35.8	−29.8	−23.3	−16.2	−8.5	0.0
	17	−64.0	−59.2	−54.2	−49.0	−43.3	−37.4	−31.1	−24.3	−16.9	−8.9	0.0
	27	−63.8	−59.0	−54.0	−48.8	−43.3	−37.4	−31.1	−24.3	−16.9	−8.9	0.0
	37	−60.9	−56.3	−51.5	−46.6	−41.3	−35.6	−29.6	−23.1	−16.0	−8.4	0.0

Reductionstafel

für den Auf- und Untergang der Sonne

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang.

Tag		Geographische Breite										
		+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
1936		m	m	m	m	m	m	m	m	m	m	m
Jan.	2	0.0	+4.7	+ 9.6	+14.8	+20.4	+26.3	+32.7	+39.5	+46.9	+54.9	+63.7
	12	0.0	+4.4	+ 8.9	+13.7	+18.7	+24.3	+30.0	+36.2	+42.9	+50.1	+58.0
	22	0.0	+3.8	+ 7.8	+12.0	+16.5	+21.1	+26.2	+31.6	+37.2	+43.4	+50.0
Febr.	1	0.0	+3.2	+ 6.5	+10.0	+13.7	+17.6	+21.8	+26.1	+30.8	+35.8	+41.2
	11	0.0	+2.5	+ 5.1	+ 7.9	+10.8	+13.9	+17.1	+20.4	+24.1	+27.9	+32.1
	21	0.0	+1.8	+ 3.7	+ 5.7	+ 7.8	+10.0	+12.4	+14.7	+17.4	+20.1	+23.0
März	2	0.0	+1.2	+ 2.3	+ 3.6	+ 4.9	+ 6.2	+ 7.7	+ 9.1	+10.8	+12.4	+14.1
	12	0.0	+0.5	+ 0.9	+ 1.4	+ 2.0	+ 2.5	+ 3.1	+ 3.6	+ 4.2	+ 4.9	+ 5.6
	22	0.0	−0.2	− 0.5	− 0.7	− 0.9	− 1.3	− 1.6	− 1.9	− 2.2	− 2.6	− 3.0
April	1	0.0	−0.9	− 1.9	− 2.8	− 3.9	− 5.0	− 6.2	− 7.5	− 8.7	−10.2	−11.5
	11	0.0	−1.5	− 3.3	− 5.0	− 6.9	− 8.8	−10.8	−13.1	−15.3	−17.8	−20.3
	21	0.0	−2.2	− 4.7	− 7.2	− 9.9	−12.7	−15.6	−18.8	−22.1	−25.6	−29.4
Mai	1	0.0	−3.0	− 6.2	− 9.4	−12.9	−16.6	−20.4	−24.6	−28.9	−33.6	−38.6
	11	0.0	−3.6	− 7.5	−11.5	−15.8	−20.4	−25.1	−30.4	−35.9	−41.8	−48.1
	21	0.0	−4.2	− 8.8	−13.5	−18.5	−24.0	−29.7	−35.9	−42.6	−49.8	−57.6
	31	0.0	−4.7	− 9.8	−15.3	−20.9	−27.1	−33.7	−40.8	−48.4	−56.8	−66.1
Juni	10	0.0	−5.1	−10.6	−16.4	−22.7	−29.3	−36.4	−44.2	−52.6	−62.0	−72.4
	20	0.0	−5.3	−10.9	−16.9	−23.3	−30.2	−37.5	−45.6	−54.4	−64.0	−75.1
	30	0.0	−5.2	−10.7	−16.6	−22.9	−29.5	−36.8	−44.7	−53.3	−62.7	−73.4
Juli	10	0.0	−4.9	−10.1	−15.5	−21.4	−27.7	−34.4	−41.6	−49.5	−58.2	−67.7
	20	0.0	−4.4	− 9.0	−13.9	−19.2	−24.8	−30.7	−37.1	−44.0	−51.5	−59.7
	30	0.0	−3.8	− 7.8	−12.0	−16.5	−21.2	−26.3	−31.7	−37.5	−43.7	−50.5
Aug.	9	0.0	−3.2	− 6.4	− 9.9	−13.7	−17.5	−21.7	−26.0	−30.7	−35.6	−41.0
	19	0.0	−2.5	− 5.0	− 7.7	−10.7	−13.6	−16.9	−20.2	−23.9	−27.6	−31.8
	29	0.0	−1.8	− 3.6	− 5.6	− 7.7	− 9.8	−12.1	−14.5	−17.1	−19.8	−22.7
Sept.	8	0.0	−1.2	− 2.2	− 3.5	− 4.8	− 6.0	− 7.5	− 8.9	−10.5	−12.2	−14.0
	18	0.0	−0.5	− 0.8	− 1.4	− 1.9	− 2.3	− 2.9	− 3.4	− 4.1	− 4.7	− 5.4
	28	0.0	+0.2	+ 0.6	+ 0.7	+ 1.0	+ 1.4	+ 1.6	+ 2.0	+ 2.3	+ 2.6	+ 3.0
Okt.	8	0.0	+0.9	+ 1.9	+ 2.9	+ 3.9	+ 5.1	+ 6.2	+ 7.4	+ 8.7	+10.1	+11.4
	18	0.0	+1.6	+ 3.3	+ 5.0	+ 6.8	+ 8.8	+10.7	+12.9	+15.2	+17.6	+20.1
	28	0.0	+2.2	+ 4.7	+ 7.1	+ 9.7	+12.6	+15.4	+18.5	+21.8	+25.2	+28.9
Nov.	7	0.0	+2.9	+ 6.1	+ 9.2	+12.7	+16.3	+20.1	+24.1	+28.4	+33.0	+38.0
	17	0.0	+3.6	+ 7.4	+11.3	+15.5	+19.9	+24.6	+29.7	+35.0	+40.7	+46.9
	27	0.0	+4.1	+ 8.4	+13.2	+18.0	+23.1	+28.7	+34.6	+41.0	+47.8	+55.3
Dez.	7	0.0	+4.6	+ 9.3	+14.6	+19.9	+25.7	+31.9	+38.4	+45.7	+53.4	+61.9
	17	0.0	+4.8	+ 9.8	+15.2	+20.9	+27.0	+33.5	+40.6	+48.3	+56.5	+65.7
	27	0.0	+4.8	+ 9.8	+15.2	+20.9	+27.0	+33.5	+40.4	+48.1	+56.3	+65.5
	37	0.0	+4.6	+ 9.3	+14.3	+19.7	+25.5	+31.7	+38.2	+45.2	+53.0	+61.3

Reduktionstafel

für den Auf- und Untergang des Mondes

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+30°	+32°	+34°	+36°	+38°	+40°	+42°	+44°	+46°	+48°	+50°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	−94.6	−87.9	−80.9	−73.4	−65.5	−56.9	−47.6	−37.5	−26.4	−14.0	0.0
3 30	−88.5	−82.2	−75.6	−68.5	−61.0	−52.9	−44.2	−34.8	−24.4	−12.9	0.0
3 40	−82.5	−76.5	−70.3	−63.7	−56.6	−49.1	−41.0	−32.2	−22.5	−11.9	0.0
3 50	−76.6	−71.0	−65.2	−59.0	−52.4	−45.3	−37.8	−29.6	−20.7	−10.9	0.0
4 0	−70.8	−65.6	−60.1	−54.4	−48.2	−41.7	−34.7	−27.2	−18.9	− 9.9	0.0
4 10	−65.1	−60.3	−55.2	−49.9	−44.2	−38.2	−31.7	−24.8	−17.3	− 9.0	0.0
4 20	−59.5	−55.0	−50.3	−45.5	−40.3	−34.8	−28.9	−22.5	−15.7	− 8.2	0.0
4 30	−54.0	−49.9	−45.6	−41.2	−36.5	−31.4	−26.1	−20.4	−14.1	− 7.4	0.0
4 40	−48.4	−44.8	−40.9	−36.9	−32.7	−28.2	−23.3	−18.2	−12.6	− 6.6	0.0
4 50	−43.0	−39.8	−36.4	−32.7	−29.0	−24.9	−20.7	−16.1	−11.2	− 5.8	0.0
5 0	−37.7	−34.8	−31.8	−28.6	−25.3	−21.8	−18.1	−14.1	− 9.8	− 5.0	0.0
5 10	−32.4	−29.9	−27.3	−24.6	−21.7	−18.7	−15.5	−12.1	− 8.4	− 4.3	0.0
5 20	−27.1	−25.0	−22.8	−20.6	−18.2	−15.6	−12.9	−10.1	− 7.0	− 3.6	0.0
5 30	−21.9	−20.2	−18.4	−16.6	−14.7	−12.6	−10.4	− 8.1	− 5.6	− 2.9	0.0
5 40	−16.7	−15.4	−14.0	−12.6	−11.2	− 9.6	− 7.9	− 6.2	− 4.3	− 2.2	0.0
5 50	−11.5	−10.6	− 9.7	− 8.7	− 7.7	− 6.6	− 5.5	− 4.2	− 2.9	− 1.5	0.0
6 0	− 6.4	− 5.8	− 5.4	− 4.8	− 4.2	− 3.6	− 3.0	− 2.3	− 1.6	− 0.9	0.0
6 10	− 1.2	− 1.1	− 1.0	− 0.9	− 0.8	− 0.7	− 0.6	− 0.4	− 0.3	− 0.2	0.0
6 20	+ 4.0	+ 3.7	+ 3.4	+ 3.0	+ 2.6	+ 2.3	+ 1.9	+ 1.5	+ 1.0	+ 0.5	0.0
6 30	+ 9.1	+ 8.4	+ 7.7	+ 6.9	+ 6.1	+ 5.3	+ 4.4	+ 3.4	+ 2.4	+ 1.2	0.0
6 40	+14.3	+13.2	+12.0	+10.8	+ 9.6	+ 8.2	+ 6.8	+ 5.3	+ 3.7	+ 1.9	0.0
6 50	+19.5	+18.0	+16.4	+14.8	+13.1	+11.2	+ 9.3	+ 7.2	+ 5.0	+ 2.6	0.0
7 0	+24.7	+22.8	+20.9	+18.8	+16.6	+14.2	+11.8	+ 9.1	+ 6.3	+ 3.3	0.0
7 10	+30.0	+27.7	+25.3	+22.8	+20.1	+17.3	+14.3	+11.1	+ 7.7	+ 4.0	0.0
7 20	+35.3	+32.6	+29.7	+26.8	+23.7	+20.3	+16.8	+13.1	+ 9.1	+ 4.7	0.0
7 30	+40.6	+37.5	+34.3	+30.9	+27.3	+23.4	+19.4	+15.1	+10.5	+ 5.5	0.0
7 40	+45.9	+42.5	+38.9	+35.0	+31.0	+26.6	+22.1	+17.2	+12.0	+ 6.2	0.0
7 50	+51.4	+47.6	+43.5	+39.2	+34.7	+29.9	+24.8	+19.3	+13.5	+ 7.0	0.0
8 0	+56.9	+52.7	+48.2	+43.5	+38.5	+33.2	+27.6	+21.5	+15.0	+ 7.8	0.0
8 10	+62.5	+57.9	+53.0	+47.9	+42.4	+36.6	+30.4	+23.8	+16.6	+ 8.6	0.0
8 20	+68.2	+63.2	+57.9	+52.3	+46.4	+40.1	+33.3	+26.1	+18.2	+ 9.5	0.0
8 30	+74.0	+68.5	+62.9	+56.9	+50.5	+43.7	+36.4	+28.5	+19.8	+10.5	0.0
8 40	+79.8	+74.0	+67.9	+61.5	+54.7	+47.3	+39.5	+30.9	+21.6	+11.4	0.0
8 50	+85.8	+79.6	+73.1	+66.3	+59.0	+51.1	+42.7	+33.5	+23.5	+12.5	0.0
9 0	+91.9	+85.3	+78.4	+71.2	+63.4	+55.0	+46.0	+36.3	+25.5	+13.5	0.0

*) *t* ist beim Aufgang der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergang der Zeitunterschied zwischen Kulmination und Untergang.

Reduktionstafel

für den Auf- und Untergang des Mondes

Das Vorzeichen der Tafel gilt für den Aufgang, das entgegengesetzte Vorzeichen für den Untergang.

t*)	Geographische Breite										
	+50°	+51°	+52°	+53°	+54°	+55°	+56°	+57°	+58°	+59°	+60°
h m	m	m	m	m	m	m	m	m	m	m	m
3 20	0.0	+7.7	+16.1	+25.2	+35.1	+46.1	+58.4	+72.5	+89.1	+109.7	+138.1
3 30	0.0	+7.1	+14.7	+22.9	+31.8	+41.6	+52.4	+64.5	+78.3	+ 94.5	+114.3
3 40	0.0	+6.5	+13.4	+20.9	+28.9	+37.6	+47.2	+57.7	+69.4	+ 82.7	+ 98.2
3 50	0.0	+5.9	+12.2	+19.0	+26.2	+34.0	+42.5	+51.7	+61.9	+ 73.3	+ 86.1
4 0	0.0	+5.4	+11.1	+17.2	+23.7	+30.8	+38.2	+46.3	+55.2	+ 65.0	+ 76.0
4 10	0.0	+4.9	+10.1	+15.6	+21.4	+27.7	+34.4	+41.6	+49.4	+ 57.9	+ 67.3
4 20	0.0	+4.5	+ 9.1	+14.0	+19.2	+24.8	+30.8	+37.2	+44.0	+ 51.5	+ 59.6
4 30	0.0	+4.0	+ 8.1	+12.5	+17.2	+22.2	+27.5	+33.1	+39.1	+ 45.7	+ 52.7
4 40	0.0	+3.5	+ 7.3	+11.2	+15.3	+19.7	+24.3	+29.3	+34.5	+ 40.2	+ 46.3
4 50	0.0	+3.1	+ 6.4	+ 9.8	+13.4	+17.3	+21.4	+25.6	+30.2	+ 35.1	+ 40.4
5 0	0.0	+2.7	+ 5.5	+ 8.5	+11.6	+15.0	+18.5	+22.2	+26.1	+ 30.3	+ 34.8
5 10	0.0	+2.3	+ 4.7	+ 7.2	+10.0	+12.8	+15.7	+18.9	+22.2	+ 25.7	+ 29.5
5 20	0.0	+2.0	+ 3.9	+ 6.0	+ 8.3	+10.7	+13.1	+15.7	+18.4	+ 21.3	+ 24.4
5 30	0.0	+1.6	+ 3.2	+ 4.8	+ 6.7	+ 8.5	+10.5	+12.6	+14.8	+ 17.1	+ 19.6
5 40	0.0	+1.2	+ 2.4	+ 3.7	+ 5.0	+ 6.5	+ 7.9	+ 9.5	+11.2	+ 13.0	+ 14.8
5 50	0.0	+0.8	+ 1.7	+ 2.6	+ 3.4	+ 4.4	+ 5.5	+ 6.5	+ 7.7	+ 8.9	+ 10.2
6 0	0.0	+0.5	+ 0.9	+ 1.4	+ 1.9	+ 2.4	+ 3.0	+ 3.6	+ 4.2	+ 4.9	+ 5.6
6 10	0.0	+0.1	+ 0.2	+ 0.2	+ 0.4	+ 0.5	+ 0.6	+ 0.7	+ 0.8	+ 0.9	+ 1.1
6 20	0.0	−0.3	− 0.6	− 0.9	− 1.2	− 1.5	− 1.9	− 2.3	− 2.6	− 3.0	− 3.5
6 30	0.0	−0.6	− 1.3	− 2.0	− 2.7	− 3.5	− 4.3	− 5.2	− 6.0	− 7.0	− 8.0
6 40	0.0	−1.0	− 2.1	− 3.1	− 4.3	− 5.5	− 6.8	− 8.1	− 9.5	− 11.0	− 12.6
6 50	0.0	−1.3	− 2.9	− 4.3	− 5.9	− 7.5	− 9.4	−11.2	−13.1	− 15.1	− 17.3
7 0	0.0	−1.7	− 3.6	− 5.5	− 7.5	− 9.6	−11.9	−14.3	−16.7	− 19.3	− 22.2
7 10	0.0	−2.1	− 4.4	− 6.7	− 9.2	−11.7	−14.5	−17.4	−20.4	− 23.7	− 27.1
7 20	0.0	−2.5	− 5.1	− 7.9	−10.8	−13.8	−17.1	−20.6	−24.2	− 28.1	− 32.3
7 30	0.0	−2.9	− 6.0	− 9.2	−12.6	−16.1	−19.9	−24.0	−28.2	− 32.8	− 37.7
7 40	0.0	−3.3	− 6.9	−10.6	−14.4	−18.5	−22.9	−27.5	−32.4	− 37.8	− 43.4
7 50	0.0	−3.8	− 7.7	−12.0	−16.3	−21.0	−25.9	−31.3	−36.9	− 43.0	− 49.6
8 0	0.0	−4.2	− 8.7	−13.4	−18.3	−23.7	−29.2	−35.3	−41.7	− 48.7	− 56.3
8 10	0.0	−4.7	− 9.6	−14.9	−20.4	−26.4	−32.6	−39.5	−46.8	− 54.8	− 63.5
8 20	0.0	−5.2	−10.6	−16.4	−22.6	−29.2	−36.3	−44.0	−52.3	− 61.5	− 71.6
8 30	0.0	−5.7	−11.7	−18.1	−25.0	−32.4	−40.4	−49.1	−58.6	− 69.1	− 81.0
8 40	0.0	−6.3	−12.9	−19.9	−27.6	−35.8	−44.9	−54.9	−65.7	− 77.9	− 92.1
8 50	0.0	−6.8	−14.1	−21.9	−30.5	−39.7	−49.8	−61.2	−73.8	− 88.5	−106.1
9 0	0.0	−7.4	−15.4	−24.1	−33.7	−44.1	−55.3	−68.4	−83.6	−101.4	−125.9

*) *t* ist beim Aufgang der Zeitunterschied zwischen Aufgang und Kulmination, beim Untergang der Zeitunterschied zwischen Kulmination und Untergang.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	a	B	λ−☊	λ−☊	Δλ	a	B	λ−☊
°	′		° ′	°	°	′		° ′	°
0	+0.0+	−0.0269+	−0 0.0+	180	45	+0.6+	−0.0190+	−1 5.3+	225
1	0.0	268	0 1.6	181	46	0.6	187	1 6.4	226
2	0.0	268	0 3.2	182	47	0.6	183	1 7.5	227
3	0.1	268	0 4.8	183	48	0.6	180	1 8.6	228
4	0.1	268	0 6.4	184	49	0.6	176	1 9.7	229
5	+0.1+	−0.0268+	−0 8.0+	185	50	+0.6+	−0.0173+	−1 10.7+	230
6	0.1	267	0 9.7	186	51	0.6	169	1 11.8	231
7	0.1	267	0 11.3	187	52	0.6	165	1 12.8	232
8	0.2	266	0 12.9	188	53	0.6	162	1 13.8	233
9	0.2	265	0 14.4	189	54	0.6	158	1 14.7	234
10	+0.2+	−0.0264+	−0 16.0+	190	55	+0.6+	−0.0154+	−1 15.6+	235
11	0.2	264	0 17.6	191	56	0.6	150	1 16.5	236
12	0.2	263	0 19.2	192	57	0.6	146	1 17.4	237
13	0.3	262	0 20.8	193	58	0.6	142	1 18.3	238
14	0.3	261	0 22.3	194	59	0.5	138	1 19.2	239
15	+0.3+	−0.0259+	−0 23.9+	195	60	+0.5+	−0.0134+	−1 20.0+	240
16	0.3	258	0 25.5	196	61	0.5	130	1 20.8	241
17	0.3	257	0 27.0	197	62	0.5	126	1 21.5	242
18	0.4	255	0 28.5	198	63	0.5	122	1 22.3	243
19	0.4	254	0 30.1	199	64	0.5	118	1 23.0	244
20	+0.4+	−0.0252+	−0 31.6+	200	65	+0.5+	−0.0114+	−1 23.7+	245
21	0.4	251	0 33.1	201	66	0.5	109	1 24.4	246
22	0.4	249	0 34.6	202	67	0.4	105	1 25.0	247
23	0.4	247	0 36.1	203	68	0.4	101	1 25.6	248
24	0.5	245	0 37.6	204	69	0.4	096	1 26.2	249
25	+0.5+	−0.0243+	−0 39.0+	205	70	+0.4+	−0.0092+	−1 26.8+	250
26	0.5	241	0 40.5	206	71	0.4	87	1 27.3	251
27	0.5	239	0 41.9	207	72	0.4	83	1 27.8	252
28	0.5	237	0 43.4	208	73	0.3	79	1 28.3	253
29	0.5	235	0 44.8	209	74	0.3	74	1 28.8	254
30	+0.5+	−0.0233+	−0 46.2+	210	75	+0.3+	−0.0070+	−1 29.2+	255
31	0.5	230	0 47.6	211	76	0.3	65	1 29.6	256
32	0.6	228	0 48.9	212	77	0.3	60	1 30.0	257
33	0.6	225	0 50.3	213	78	0.2	56	1 30.3	258
34	0.6	223	0 51.6	214	79	0.2	51	1 30.6	259
35	+0.6+	−0.0220+	−0 53.0+	215	80	+0.2+	−0.0047+	−1 30.9+	260
36	0.6	217	0 54.3	216	81	0.2	42	1 31.2	261
37	0.6	214	0 55.6	217	82	0.2	37	1 31.4	262
38	0.6	212	0 56.9	218	83	0.1	33	1 31.6	263
39	0.6	209	0 58.1	219	84	0.1	28	1 31.8	264
40	+0.6+	−0.0206+	−0 59.4+	220	85	+0.1+	−0.0023+	−1 32.0+	265
41	0.6	203	1 0.6	221	86	0.1	19	1 32.1	266
42	0.6	200	1 1.8	222	87	0.1	14	1 32.2	267
43	0.6	196	1 3.0	223	88	0.0	09	1 32.3	268
44	0.6	193	1 4.1	224	89	0.0	05	1 32.3	269
45	+0.6+	−0.0190+	−1 5.3+	225	90	+0.0+	−0.0000+	−1 32.3+	270

$$l' = \lambda + \Delta\lambda - a(B-\beta) - L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfstafeln

zur Berechnung der optischen Mondlibration

λ−☊	Δλ	*a*	*B*	λ−☊	λ−☊	Δλ	*a*	*B*	λ−☊
°	′		° ′	°	°	′		° ′	°
90	−0.0−	+0.0000−	−1 32.3+	270	135	−0.6−	+0.0190−	−1 5.3+	315
91	0.0	05	1 32.3	271	136	0.6	193	1 4.1	316
92	0.0	09	1 32.3	272	137	0.6	196	1 3.0	317
93	0.1	14	1 32.2	273	138	0.6	200	1 1.8	318
94	0.1	19	1 32.1	274	139	0.6	203	1 0.6	319
95	−0.1−	+0.0023−	−1 32.0+	275	140	−0.6−	+0.0206−	−0 59.4+	320
96	0.1	28	1 31.8	276	141	0.6	209	0 58.1	321
97	0.1	33	1 31.6	277	142	0.6	212	0 56.9	322
98	0.2	37	1 31.4	278	143	0.6	214	0 55.6	323
99	0.2	42	1 31.2	279	144	0.6	217	0 54.3	324
100	−0.2−	+0.0047−	−1 30.9+	280	145	−0.6−	+0.0220−	−0 53.0+	325
101	0.2	51	1 30.6	281	146	0.6	223	0 51.6	326
102	0.2	56	1 30.3	282	147	0.6	225	0 50.3	327
103	0.3	60	1 30.0	283	148	0.6	228	0 48.9	328
104	0.3	65	1 29.6	284	149	0.5	230	0 47.6	329
105	−0.3−	+0.0070−	−1 29.2+	285	150	−0.5−	+0.0233−	−0 46.2+	330
106	0.3	74	1 28.8	286	151	0.5	235	0 44.8	331
107	0.3	79	1 28.3	287	152	0.5	237	0 43.4	332
108	0.4	83	1 27.8	288	153	0.5	239	0 41.9	333
109	0.4	87	1 27.3	289	154	0.5	241	0 40.5	334
110	−0.4−	+0.0092−	−1 26.8+	290	155	−0.5−	+0.0243−	−0 39.0+	335
111	0.4	096	1 26.2	291	156	0.5	245	0 37.6	336
112	0.4	101	1 25.6	292	157	0.4	247	0 36.1	337
113	0.4	105	1 25.0	293	158	0.4	249	0 34.6	338
114	0.5	109	1 24.4	294	159	0.4	251	0 33.1	339
115	−0.5−	+0.0114−	−1 23.7+	295	160	−0.4−	+0.0252−	−0 31.6+	340
116	0.5	118	1 23.0	296	161	0.4	254	0 30.1	341
117	0.5	122	1 22.3	297	162	0.4	255	0 28.5	342
118	0.5	126	1 21.5	298	163	0.3	257	0 27.0	343
119	0.5	130	1 20.8	299	164	0.3	258	0 25.5	344
120	−0.5−	+0.0134−	−1 20.0+	300	165	−0.3−	+0.0259−	−0 23.9+	345
121	0.5	138	1 19.2	301	166	0.3	261	0 22.3	346
122	0.6	142	1 18.3	302	167	0.3	262	0 20.8	347
123	0.6	146	1 17.4	303	168	0.2	263	0 19.2	348
124	0.6	150	1 16.5	304	169	0.2	264	0 17.6	349
125	−0.6−	+0.0154−	−1 15.6+	305	170	−0.2−	+0.0264−	−0 16.0+	350
126	0.6	158	1 14.7	306	171	0.2	265	0 14.4	351
127	0.6	162	1 13.8	307	172	0.2	266	0 12.9	352
128	0.6	165	1 12.8	308	173	0.1	267	0 11.3	353
129	0.6	169	1 11.8	309	174	0.1	267	0 9.7	354
130	−0.6−	+0.0173−	−1 10.7+	310	175	−0.1−	+0.0268−	−0 8.0+	355
131	0.6	176	1 9.7	311	176	0.1	268	0 6.4	356
132	0.6	180	1 8.6	312	177	0.1	268	0 4.8	357
133	0.6	183	1 7.5	313	178	0.0	268	0 3.2	358
134	0.6	187	1 6.4	314	179	0.0	268	0 1.6	359
135	−0.6−	+0.0190−	−1 5.3+	315	180	−0.0−	+0.0269−	−0 0.0+	360

$$l' = \lambda + \Delta\lambda - a(B - \beta) - L_{☾}; \quad b' = B - \beta$$

l', b' = Optische Libration der Mondmitte in selenographischer Länge und Breite.

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

$L_{☾}$ = Mittlere Länge des Mondes, ☊ = Mondknoten.

Hilfsgrößen

zur Berechnung der geozentrischen Koordinaten

$\rho \sin \varphi' = s \sin \varphi; \quad \rho \cos \varphi' = c \cos \varphi$

φ	log s		log c		φ	log s		log c	
±0°	9.9970705	4	0.0000000	4	±40°	9.9976745	252	0.0006040	252
1	.9970709	14	.0000004	14	41	.9976997	254	.0006292	254
2	.9970723	22	.0000018	22	42	.9977251	255	.0006546	255
3	.9970745	31	.0000040	31	43	.9977506	255	.0006801	255
4	.9970776	40	.0000071	40	44	.9977761	255	.0007056	255
5	9.9970816	49	0.0000111	49	45	9.9978016	256	0.0007311	256
6	.9970865	57	.0000160	57	46	.9978272	255	.0007567	255
7	.9970922	66	.0000217	66	47	.9978527	255	.0007822	255
8	.9970988	74	.0000283	74	48	.9978782	254	.0008077	254
9	.9971062	83	.0000357	83	49	.9979036	252	.0008331	252
10	9.9971145	92	0.0000440	92	50	9.9979288	252	0.0008583	252
11	.9971237	99	.0000532	99	51	.9979540	249	.0008835	249
12	.9971336	108	.0000631	108	52	.9979789	247	.0009084	247
13	.9971444	116	.0000739	116	53	.9980036	245	.0009331	245
14	.9971560	123	.0000855	123	54	.9980281	242	.0009576	242
15	9.9971683	131	0.0000978	131	55	9.9980523	239	0.0009818	239
16	.9971814	139	.0001109	139	56	.9980762	235	.0010057	235
17	.9971953	146	.0001248	146	57	.9980997	232	.0010292	232
18	.9972099	154	.0001394	154	58	.9981229	228	.0010524	228
19	.9972253	160	.0001548	160	59	.9981457	224	.0010752	224
20	9.9972413	168	0.0001708	168	60	9.9981681	220	0.0010976	220
21	.9972581	174	.0001876	174	61	.9981901	215	.0011196	215
22	.9972755	180	.0002050	180	62	.9982116	209	.0011411	209
23	.9972935	187	.0002230	187	63	.9982325	205	.0011620	205
24	.9973122	192	.0002417	192	64	.9982530	199	.0011825	199
25	9.9973314	198	0.0002609	198	65	9.9982729	193	0.0012024	193
26	.9973512	204	.0002807	204	66	.9982922	188	.0012217	188
27	.9973716	209	.0003011	209	67	.9983110	181	.0012405	181
28	.9973925	214	.0003220	214	68	.9983291	175	.0012586	175
29	.9974139	219	.0003434	219	69	.9983466	168	.0012761	168
30	9.9974358	223	0.0003653	223	70	9.9983634	161	0.0012929	161
31	.9974581	227	.0003876	227	71	.9983795	154	.0013090	154
32	.9974808	232	.0004103	232	72	.9983949	147	.0013244	147
33	.9975040	235	.0004335	235	73	.9984096	140	.0013391	140
34	.9975275	238	.0004570	238	74	.9984236	132	.0013531	132
35	9.9975513	241	0.0004808	241	75	9.9984368	124	0.0013663	124
36	.9975754	245	.0005049	245	76	.9984492	117	.0013787	117
37	.9975999	246	.0005294	246	77	.9984609	108	.0013904	108
38	.9976245	249	.0005540	249	78	.9984717	100	.0014012	100
39	.9976494	251	.0005789	251	79	.9984817	92	.0014112	92
40	9.9976745		0.0006040		80	9.9984909		0.0014204	

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Abbadia	69	+43 22 52.2	+ 0 7 0.1	+ 1.15	+43 11 17.8	9.999317
Åbo	—	+60 26 56.8	− 1 29 6.30	− 14.64	+60 16 58.8	9.998894
Adelaide	41	−34 55 35.1	− 9 14 19.90	− 91.06	−34 44 42.7	9.999526
Albany (Neue Sternw.)[1] .	40	+42 39 12.8	+ 4 55 7.12	+ 48.48	+42 27 39.7	9.999334
Algier (Neue Sternw.)[2]. .	345	+36 48 4.8	− 0 12 8.47	− 1.99	+36 36 58.1	9.999497
Allegheny (Neue Sternw.).	370	+40 28 58.1	+ 5 20 5.39	+ 52.59	+40 17 31.4	9.999411
Allegheny (Alte Sternw.) .	349	+40 27 41.6	+ 5 20 2.97	+ 52.58	+40 16 15.0	9.999411
Amherst (Neue Sternw.) .	110	+42 21 56.5	+ 4 50 5.98	+ 47.66	+42 10 24.0	9.999346
Amherst (Alte Sternw.) .	122	+42 22 17.1	+ 4 50 4.72	+ 47.66	+42 10 44.6	9.999347
Ann Arbor	282	+42 16 48.7	+ 5 34 55.27	+ 55.02	+42 5 16.4	9.999360
Arcetri Zentr. d. Sternw.[3]).	184	+43 45 14.4	− 0 45 1.30	− 7.39	+43 33 39.5	9.999316
Arequipa[4])	2451	−16 22 28.0	+ 4 46 11.73	+ 47.02	−16 16 12.7	0.000052
Armagh	64	+54 21 11	+ 0 26 35.48	+ 4.37	+54 10 11.4	9.999041
Athen	110	+37 58 15.5	− 1 34 52.2	− 15.58	+37 47 1.2	9.999456
Bamberg (Remeis-Sternw.)	288	+49 53 6.0	− 0 43 33.57	− 7.15	+49 41 40.0	9.999167
Barcelona[5])	415	+41 24 59.3	− 0 8 30.2	− 1.41	+41 13 29.4	9.999391
Beloit	245	+42 30 8.4	+ 5 56 7.4	+ 58.51	+42 18 35.6	9.999352
Bergedorf Mer.-Kr. . .	41	+53 28 46.9	− 0 40 57.74	− 6.73	+53 17 40.8	9.999060
Berkeley	94	+37 52 23.5	+ 8 9 2.80	+ 80.34	+37 41 9.8	9.999458
Berlin-Babelsberg[6]) .	82	+52 24 24.2	− 0 52 25.49	− 8.61	+52 13 11.1	9.999089
Berlin (Urania)[7])	47	+52 31 30.7	− 0 53 27.40	− 8.78	+52 20 18.3	9.999084
Bern	573	+46 57 8.7	− 0 29 45.55	− 4.89	+46 45 34.5	9.999261
Besançon	312	+47 14 59.0	− 0 23 57.1	− 3.93	+47 3 25.3	9.999236
Blaca	280	+43 17 37	− 1 6 8.0	− 10.86	+43 6 3	9.999334
Bloemfontein Filiale d. Detroit Obs.	1490	−29 5 45	− 1 44 57	− 17.24	−28 55 55	9.999758
Bloemfontein Boyden Stat. d. Harv. Obs.	1379	−29 12	− 1 45 57	− 17.40	−29 2	9.999748
Bogota	2640	+ 4 35 55.2	+ 4 56 19.51	+ 48.68	+ 4 34 4.4	0.000111
Bologna Zentr. d. Sternw.	84	+44 29 52.8	− 0 45 24.48	− 7.46	+44 18 17.3	9.999290
Bombay (Colaba) . . .	19	+18 53 36.2	− 4 51 15.60	− 47.85	+18 46 31.1	9.999849
Bonn Zentr. d. Sternw.. .	62	+50 43 45.0	− 0 28 23.18	− 4.66	+50 32 22.7	9.999130
Bordeaux (Floirac). . .	73	+44 50 7.2	+ 0 2 6.56	+ 0.35	+44 38 31.6	9.999281
Boston (University)[8]) . .	31	+42 20 58	+ 4 44 19.1	+ 46.71	+42 9 25.6	9.999341
Bothkamp[9]).	32	+54 12 9.6	− 0 40 31.2	− 6.65	+54 1 8.8	9.999042
Breslau Zentr. d. Sternw. .	147	+51 6 56.5	− 1 8 8.72	− 11.19	+50 55 36.1	9.999126
Breslau Neue Sternw. . .	117	+51 6 41	− 1 8 21.19	− 11.23	+50 55 20.6	9.999130
Brisbane	51	−27 28 23.0	−10 12 6.48	−100.55	−27 18 54.6	9.999694
Brüssel (Alte Sternw.) Pass. Instr. .	56	+50 51 10.7	− 0 17 28.71	− 2.87	+50 39 49.0	9.999126
Brüssel (Uccle) Mer.-Kr. .	105	+50 47 54.6	− 0 17 26.05	− 2.86	+50 36 32.7	9.999131
Budapest Univ.-Sternw. .	110	+47 29 34.7	− 1 16 15.4	− 12.53	+47 18 1.5	9.999215

[1]) Dudley Observatory, seit Juni 1893. Alte Sternwarte 37″.0 nördlich, 7ˢ.10 östlich. — [2]) Alte Sternwarte 3″.8 südlich, 8ˢ östlich. — [3]) Seit Oktober 1872, früher in Florenz. — [4]) 1927 geschlossen und nach Bloemfontein verlegt. — [5]) J. Comas Solá. — [6]) Die Koordinaten beziehen sich auf die Mitte der großen Kuppel, in der der große Refraktor aufgestellt ist. Die frühere Sternwarte in Berlin (seit 1835) lag 5′ 52″.5 nördlich und 1ᵐ 9ˢ.31 östlich. — [7]) Übungssternwarte der Universität. — [8]) Die alte Sternwarte lag 4ˢ.1 östlich, 34″.5 nördlich. — [9]) Herr von Bülow.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Budapest[1]	110	+47 28 49	−1 16 13.7	−12.53	+47 17 16	9.999215
Bukarest (Mil. Geogr. Inst.)	85	+44 24 34.2	−1 44 27.01	−17.16	+44 12 58.7	9.999292
Cambridge Engl. . .	28	+52 12 51.6	−0 0 22.75	− 0.06	+52 1 37.3	9.999090
Cambridge Mass.[2] . .	24	+42 22 47.6	+4 44 31.05	+46.74	+42 11 15.1	9.999340
Cap d. gut. Hoffnung	10	−33 56 6.8	−1 13 54.60	−12.14	−33 45 23.2	9.999547
Caracas (Observ. Cajigal) .	1042	+10 30 24.3	+4 27 42.61	+43.98	+10 26 15.6	0.000023
Catania.	47	+37 30 13.3	−1 0 20.6	− 9.91	+37 19 1.9	9.999466
Charkow	139	+50 0 9.9	−2 24 55.72	−23.81	+49 48 44.4	9.999153
Charlottenburg, Techn. Hochsch.	60	+52 30 48.7	−0 53 20.5	− 8.76	+52 19 36.2	9.999085
Charlottesville[3] . . .	259	+38 2 1.2	+5 14 5.33	+51.60	+37 50 46.5	9.999464
Christiania (Oslo) Mer.-Kr.	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Cincinnati (Alte Sternw.) .	—	+39 6 26.5	+5 37 59.09	+55.52	+38 55 6.0	9.999421
Cincinnati (Neue Sternw.)[4]	247	+39 8 19.8	+5 37 41.40	+55.47	+38 56 59.1	9.999437
Cleveland (Case Obs.) . .	215	+41 30 14.5	+5 26 25.86	+53.63	+41 18 44.3	9.999375
Coimbra	99	+40 12 24.5	+0 33 43.1	+ 5.54	+40 0 58.9	9.999400
Columbia Missouri[5] .	225	+38 56 12	+6 9 18.37	+60.67	+38 44 52.3	9.999442
Cordoba	434	−31 25 15.5	+4 16 47.16	+42.18	−31 14 57.5	9.999635
Danzig	3	+54 21 18.0	−1 14 39.6	−12.26	+54 10 18.4	9.999036
Denver[6]	1644	+39 40 36.4	+6 59 47.72	+68.96	+39 29 13.1	9.999519
Dorpat (Tartu, Jurjew) Mer.-Kr. .	67	+58 22 47.2	−1 46 53.18	−17.56	+58 12 25.1	9.998946
Dresden (Geodät. Inst.) .	168	+51 1 49.3	−0 54 55.1	− 9.02	+50 50 28.5	9.999130
Dresden (Mathem. Salon) .	—	+51 3 14.7	−0 54 55.83	− 9.02	+50 51 54.0	9.999117
Dublin (Dunsink Obs.) . .	86	+53 23 13.1	+0 25 21.1	+ 4.17	+53 12 6.4	9.999065
Düsseldorf (Bilk) . . .	46	+51 12 25.0	−0 27 2.69	− 4.44	+51 1 5.1	9.999117
Durham	108	+54 46 6.2	+0 6 19.75	+ 1.04	+54 35 9.8	9.999033
Edinburgh	146	+55 55 30	+0 12 44.1	+ 2.09	+55 44 43.5	9.999008
Edinburgh (Blackf. Hill) .	134	+55 55 28.0	+0 12 44.0	+ 2.09	+55 44 41.5	9.999007
Evanston (Dearborn Obs.)	175	+42 3 33.4	+5 50 42.3	+57.61	+41 52 1.6	9.999358
Faenza (Urania Lamonia) .	45	+44 17 2	−0 47 33.9	− 7.81	+44 5 27	9.999293
Flagstaff (Lowell Obs.) .	2210	+35 12 30.5	+7 26 44.6	+73.39	+35 1 35.8	9.999667
Florenz (Alte Sternw.)[7] .	73	+43 46 4.1	−0 44 59.6	− 7.39	+43 34 29.2	9.999308
Florenz (Mil. Geogr. Inst.)	72	+43 46 49.4	−0 45 2.5	− 7.40	+43 35 14.5	9.999308
Frankfurt a. M. . . .	121	+50 7 0	−0 34 36.3	− 5.70	+49 55 34.6	9.999149
Genf Mer.-Kr.	406	+46 11 59.3	−0 24 36.53	− 4.04	+46 0 24.1	9.999269
Genua (Mar. Sternw.) Mer.-Kr. . .	108	+44 25 8.1	−0 35 41.28	− 5.86	+44 13 32.6	9.999294
Georgetown D. C. . .	62	+38 54 26.2	+5 8 18.33	+50.65	+38 43 6.7	9.999430
Glasgow Schottl. . .	55	+55 52 42.1	+0 17 10.55	+ 2.82	+55 41 55.2	9.999003
Glasgow Missouri . .	228	+39 13 45.6	+6 11 18.06	+61.00	+39 2 24.5	9.999433

[1]) Observ. der Kgl. Josef-Technischen Hochschule. — [2]) Harvard College Observatory. — [3]) Leander Mc. Cormick Observatory, University of Virginia. — [4]) Mount Lookout seit 1873. — [5]) Laws Observatory. — [6]) University Park, Chamberlin Observatory. — [7]) 1872 nach Arcetri verlegt.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Göttingen Mer.-Kr. . .	161	+51 31 48.2	−0 39 46.22	− 6.53	+51 20 30.0	9.999117
Gotha (Neue Sternw.)[1] Zentr. d. St.) . .	322	+50 56 37.9	−0 42 50.51	− 7.04	+50 45 16.7	9.999142
Graz	375	+47 4 37.2	−1 1 47.71	−10.15	+46 53 3.2	9.999244
Greenwich Transit Circle .	47	+51 28 38.2	0 0 0.00	0.00	+51 17 19.7	9.999110
Groningen	4	+53 13 13.8	−0 26 15.11	− 4.31	+53 2 6.0	9.999064
Hamburg (Alte Sternw.)[2] Mer.-Kr.)	25	+53 33 6.0	−0 39 53.60	− 6.55	+53 22 0.4	9.999057
Hamburg (D. Seewarte) .	30	+53 32 51.8	−0 39 53.42	− 6.55	+53 21 46.2	9.999058
Hanover N. H. . . .	183	+43 42 15.3	+4 49 8.00	+47.50	+43 30 40.5	9.999317
Haverford	116	+40 0 40.1	+5 1 12.7	+49.48	+39 49 15.4	9.999406
Heidelberg (Wolfs Sternw.)	126	+49 24 35	−0 34 48.4	− 5.72	+49 13 7	9.999159
Heidelberg (Königst.) Mer.-Kr.) . .	570	+49 23 54.6	−0 34 53.13	− 5.73	+49 12 26.8	9.999198
Helsingfors Mer.-Kr. . .	33	+60 9 42.3	−1 39 49.10	−16.40	+59 59 40.8	9.998903
Helwan.	115	+29 51 31.1	−2 5 21.77	−20.59	+29 41 31.4	9.999648
Hongkong	33	+22 18 13.2	−7 36 41.25	−75.02	+22 10 5.8	9.999793
Hyderabad-Deccan[3]) .	554	+17 25 54.3	−5 13 48.98	−51.55	+17 19 17.7	9.999907
Innsbruck	605	+47 16 6.5	−0 45 31.42	− 7.48	+47 4 32.8	9.999254
Jena (Univers.) Zentr. d. St.	164	+50 55 35.6	−0 46 20.22	− 7.61	+50 44 14.3	9.999131
Jena (Winkler)	174	+50 56 15.7	−0 46 20.73	− 7.61	+50 44 54.5	9.999132
Johannesburg	1786	−26 10 52.1	−1 52 17.9	−18.45	−26 1 42.0	9.999839
Johannesburg (Fil. d. Yale Observ.)	1741	−26 11 14	−1,52 7	−18.42	−26 2 4	9.999836
Kairo	—	+30 4 38.2	−2 5 8.80	−20.56	+29 54 35.8	9.999635
Kalocsa[4])	102	+46 31 42.4	−1 15 54.34	−12.47	+46 20 7.6	9.999239
Karlsruhe[5])	110	+49 0 29.6	−0 33 35.40	− 5.52	+48 49 0.4	9.999177
Kasan (Univers.) . . .	79	+55 47 24.3	−3 16 29.03	−32.28	+55 36 36.6	9.999007
Kasan (Engelhardt) . .	98	+55 50 20.5	−3 15 15.74	−32.08	+55 39 33.2	9.999007
Kew	10	+51 28 6	+0 1 15.1	+ 0.21	+51 16 47.5	9.999108
Kiel Neuer Mer.-Kr. . . .	52	+54 20 27.6	−0 40 35.45	− 6.67	+54 9 27.9	9.999040
Kiel Alter Mer.-Kr. . . .	47	+54 20 28.5	−0 40 35.57	− 6.67	+54 9 28.8	9.999040
Kiew Mer.-Kr.	184	+50 27 11.8	−2 2 0.56	−20.04	+50 15 48.3	9.999145
Kital	658	+39 8 1.7	−4 27 31.7	−43.95	+38 56 41.0	9.999465
Kodaikanal	2343	+10 13 50	−5 9 52.0	−50.94	+10 9 47.6	0.000114
Königsberg Reps. Mer.-Kr.[6]) .	22	+54 42 50.6	−1 21 58.98	−13.47	+54 31 53.8	9.999029
Konstanz[7])	420	+47 39 43.6	−0 36 42.01	− 6.03	+47 28 10.7	9.999232
Kopenhagen (Neue Sternw.)[8]) .	14	+55 41 12.6	−0 50 18.69	− 8.26	+55 30 24.0	9.999005
Kopenhagen (Urania-Sternw.) .	10	+55 41 19.2	−0 50 9.11	− 8.24	+55 30 30.6	9.999005
Krakau Mer.-Kr. . . .	221	+50 3 51.9	−1 19 50.28	−13.11	+49 52 26.7	9.999158
Kremsmünster Mer.-Kr.	384	+48 3 23.1	−0 56 31.58	− 9.28	+47 51 51.1	9.999219

[1]) Seit 1857, früher Seeberg. — [2]) 1909 nach Bergedorf verlegt. — [3]) Nizamiah Observatory. — [4]) Erzbischöfl. Haynaldsche Sternwarte. — [5]) 1896 nach Heidelberg verlegt. — [6]) Nach 1898, vor 1898 0.s01 westlich. — [7]) Privatsternwarte von E. Leiner. — [8]) Seit 1861 Nov. 11. Alte Sternwarte 20″.3 südlich, 0.s03 westlich.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Kyoto (Astron. Inst.) . .	55	+35 1 37.1	−9 3 7.0	−89.22	+34 50 43.9	9.999525
Kyoto (Kwasan Observ.) .	220	+34 59 40.3	−9 3 10.24	−89.23	+34 48 47.4	9.999537
Landstuhl (Fauth) . . .	385	+49 24 42.5	−0 30 16.35	− 4.97	+49 13 14.7	9.999185
La Plata Mer.-Kr. Gautier	17	−34 54 30.3	+3 51 43.74	+38.07	−34 43 38.1	9.999525
Leiden (Neue Sternw.) Mer.-Kr.[1]) .	6	+52 9 19.8	−0 17 56.15	− 2.94	+51 58 5.2	9.999090
Leipzig (Neue Sternw.) Zentr.[2]) .	119	+51 20 5.9	−0 49 33.93	− 8.14	+51 8 46.7	9.999119
Lembang (Bosscha St.) .	1300	− 6 49 29.1	−7 10 27.81	−70.71	− 6 46 45.5	0.000068
Lemberg (Techn. Hochsch.) Pass. Instr.	340	+49 50 11.2	−1 36 3.40	−15.78	+49 38 45.0	9.999171
Leningrad (Petersburg) (Akad.) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Leningrad (Petersburg) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Lissabon (Tapada) . . .	94	+38 42 30.5	+0 36 44.68	+ 6.04	+38 31 12.0	9.999437
Lissabon (Mar. Sternw.) .	—	+38 42 17.6	+0 36 33.6	+ 6.01	+38 30 59.2	9.999431
Liverpool (Neue Sternw.)[3])	62	+53 24 4.8	+0 12 17.33	+ 2.02	+53 12 58.2	9.999063
Lourenço Marques . .	60	−25 58 5.5	−2 10 22.63	−21.42	−25 48 58.9	9.999725
Lübeck (Navig.-Sch.) . .	19	+53 51 31.1	−0 42 45.6	− 7.02	+53 40 27.8	9.999049
Lund Zentr. d. Sternw. . .	34	+55 41 51.6	−0 52 44.97	− 8.66	+55 31 3.1	9.999006
Lüttich Ougrée . . .	128	+50 37 6	−0 22 12	− 3.65	+50 25 43	9.999137
Lyon	299	+45 41 40.8	−0 19 8.5	− 3.14	+45 30 5.3	9.999274
Madison (Washburn Observ.)	292	+43 4 36.8	+5 57 37.90	+58.75	+42 53 2.9	9.999340
Madras	7	+13 4 8.0	−5 20 59.65	−52.73	+12 59 2.5	9.999926
Madrid Zentr. d. Sternw. .	656	+40 24 30.1	+0 14 45.09	+ 2.43	+40 13 3.7	9.999433
Mailand, Brera . . .	120	+45 27 59.2	−0 36 45.89	− 6.04	+45 16 23.6	9.999268
Manila	3	+14 35 25	−8 3 50	−79.48	+14 29 47	9.999908
Mannheim Zentr. d. Sternw.	98	+49 29 11.0	−0 33 50.42	− 5.56	+49 17 43.5	9.999164
Marburg	248	+50 48 46.9	−0 35 4.9	− 5.76	+50 37 25.0	9.999141
Mare Island Calif. . .	18	+38 5 55.8	+8 9 5.63	+80.35	+37 54 40.8	9.999447
Markree (Col. Cooper) . .	45	+54 10 31.7	+0 33 48.4	+ 5.56	+53 59 30.7	9.999043
Marseille (Neue Sternw.) Mer.-Kr.[4])	75	+43 18 19.1	−0 21 34.56	− 3.54	+43 6 44.8	9.999320
Melbourne	28	−37 49 53.4	−9 39 54.17	−95.26	−37 38 39.9	9.999454
Merate (Filiale v. Mailand, Brera) .	380	+45 41 54.1	−0 37 42.85	− 6.20	+45 30 18.6	9.999279
Meudon	162	+48 48 18	−0 8 55.5	− 1.46	+48 36 48	9.999185
Mexico	2277	+19 26 1.3	+6 36 26.71	+65.13	+19 18 45.9	9.999995
Middletown, Conn. . .	70	+41 33 18	+4 50 38.2	+47.74	+41 21 47.6	9.999364
Mizusawa	61	+39 8 3.4	−9 24 31.46	−92.74	+38 56 42.7	9.999424
Modena.	63	+44 38 52.8	−0 43 42.8	− 7.18	+44 27 17.2	9.999285
Montreal	57	+45 30 20	+4 54 18.63	+48.35	+45 18 44.4	9.999263
Mt. Hamilton (Lick) Mer.-Kr. .	1283	+37 20 25.6	+8 6 34.86	+79.94	+37 9 15.2	9.999552
Mt. Wilson Calif. . .	1742	+34 12 59.5	+7 52 14.33	+77.57	+34 2 13.3	9.999659

[1]) Seit 1860. Alte Sternwarte 8″.0 nördlich, 0s.42 östlich. — [2]) Seit 1861. Alte Sternwarte 14″.2 nördlich, 4s.00 westlich. — [3]) Alte Sternwarte 44″.0 nördlich, 17s.1 östlich. — [4]) Seit 1866. Alte Sternwarte 30″.1 südlich, 6s.2 westlich; Seehöhe 29m.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Moskau Mer.-Kr. . . .	142	+55 45 19.5	−2 30 17.03	−24.69	+55 34 31.5	9.999012
Mundenheim[1]) . . .	—	+49 27 30	−0 33 44	− 5.54	+49 16 2	9.999158
München (West-Kuppel) .	529	+48 8 45.5	−0 46 26.02	− 7.63	+47 57 13.8	9.999227
Münster	75	+51 57 45.8	−0 30 29.66	− 5.01	+51 46 30.0	9.999100
Nashville (Vanderbilt Obs.)	174	+36 8 58.2	+5 47 12.81	+57.04	+35 57 56.1	9.999506
Natal	79	−29 50 46.6	−2 4 1.18	−20.37	−29 40 47.0	9.999645
Neapel (Capo di Monte) .	154	+40 51 45.7	−0 57 1.40	− 9.37	+40 40 17.6	9.999387
Neuchâtel Refraktor . .	488	+46 59 49.5	−0 27 49.77	− 4.57	+46 48 15.4	9.999254
New Haven (Neue Stw.)[2])	40	+41 19 22.3	+4 51 40.58	+47.92	+41 7 52.7	9.999368
New York (Rutherfurd) .	—	+40 43 48.5	+4 55 56.66	+48.62	+40 32 20.9	9.999380
New York (Columb. Obs.)	—	+40 45 23.1	+4 55 53.73	+48.61	+40 33 55.4	9.999379
Nikolajew Mer.-Kr. . .	55	+46 58 19.3	−2 7 53.98	−21.01	+46 46 45.1	9.999225
Nizza Kl. Mer.-Kr.[3]) . .	378	+43 43 16.9	−0 29 12.15	− 4.79	+43 31 42.0	9.999330
Northfield (Goodsell Obs.)	290	+44 27 41.4	+6 12 35.94	+61.21	+44 16 5.9	9.999305
Oakland Californ.[4]) .	99	+37 47	+8 8 48	+80.30	+37 35 47	9.999460
Odessa (Univ.-Stw.) Mer.-Kr.	55	+46 28 36.2	−2 3 2.05	−20.21	+46 17 1.3	9.999237
Odessa (Filiale Pulkowa) .	—	+46 28 36.0	−2 3 2.19	−20.21	+46 17 1.1	9.999234
Oslo (Christiania) Mer.-Kr..	25	+59 54 43.7	−0 42 53.51	− 7.04	+59 44 39.2	9.998908
Ottawa Mer.-Kr. . . .	85	+45 23 39.1	+5 2 51.98	+49.75	+45 12 3.5	9.999267
Oxford (Radcl. Obs.) . .	65	+51 45 33.9	+0 5 3.0	+ 0.83	+51 34 17.0	9.999104
Oxford (Univers.) . . .	64	+51 45 34.2	+0 5 0.4	+ 0.82	+51 34 17.3	9.999104
Oxford, Mississippi . .	140	+34 22 12.6	+5 58 7.18	+58.83	+34 11 25.1	9.999546
Padua	38	+45 24 1.2	−0 47 29.15	− 7.80	+45 12 25.6	9.999263
Palermo	72	+38 6 44.0	−0 53 25.87	− 8.78	+37 55 28.9	9.999451
Paris (Obs. nat.) Mer. Cassini	59	+48 50 11.2	−0 9 20.93	− 1.53	+48 38 41.5	9.999177
Paris (Montsouris) westl. Mer.	—	+48 49 18.0	−0 9 20.6	− 1.53	+48 37 48.2	9.999174
Peking	—	+39 54 23.0	−7 45 52.87	−76.53	+39 42 58.7	9.999401
Perth West-Austr. . .	60	−31 57 10.7	−7 43 21.62	−76.12	−31 46 46.9	9.999597
Petersburg (Leningrad) (Akademie) .	20	+59 56 29.7	−2 1 13.35	−19.91	+59 46 25.5	9.998907
Petersburg (Leningrad) (Univers.) .	4	+59 56 32.0	−2 1 11.3	−19.91	+59 46 27.8	9.998906
Philadelphia[5])	74	+39 58 2.1	+5 1 6.88	+49.47	+39 46 37.5	9.999404
Plonsk[6])	—	+52 37 40.0	−1 21 31.9	−13.39	+52 26 28.2	9.999078
Pola	32	+44 51 48.6	−0 55 23.07	− 9.10	+44 40 12.9	9.999277
Porto Alegre[7]) Mer.-Kr..	—	−30 1 51	+3 24 53.2	+33.66	−29 51 49	9.999636
Portsmouth	—	+50 48 3	+0 4 24.8	+ 0.73	+50 36 41	9.999124
Posen	85	+52 23 48.6	−1 7 30.60	−11.09	+52 12 35.4	9.999090

[1]) Dr. Max Mündler. — [2]) Yale University. Alte Sternwarte 45″.8 südlich, 1s.58 westlich. — [3]) Herr R. Bischofsheim. — [4]) Chabot Observatory. — [5]) Flower Obs. (Univ. of Pennsylvania). — [6]) Dr. Jedrzejewicz; 1898 nach Warschau verlegt. — [7]) Observatorio Regional do Rio Grande do Sul.

Koordinaten der Sternwarten

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich − östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Potsdam (Astrophys. Obs.)	97	+52 22 56.0	− 0 52 15.86	− 8.58	+52 11 42.7	9.999091
Potsdam (Geod. Inst.) Turm	99	+52 22 54.8	− 0 52 16.11	− 8.58	+52 11 41.5	9.999091
Poughkeepsie[1]	61	+41 41 18	+ 4 55 35.2	+48.56	+41 29 47	9.999360
Prag (Univ.-Stw.) Turm	197	+50 5 16.0	− 0 57 40.29	− 9.47	+49 53 50.9	9.999155
Prag (Safarik)	—	+50 4 24	− 0 57 48	− 9.49	+49 52 59	9.999142
Princeton N. J. (N.Stw.)[2]	75	+40 20 55.8	+ 4 58 39.44	+49.06	+40 9 29.7	9.999395
Providence[3]	171	+41 49 46.4	+ 4 45 37.64	+46.92	+41 38 15.2	9.999363
Pulkowa Zentr. d. Stw.	75	+59 46 18.5	− 2 1 18.57	−19.93	+59 36 12.3	9.998914
Quebec Canada	90	+46 47 59.2	+ 4 44 52.71	+46.80	+46 36 24.8	9.999231
Quito	2846	− 0 14 0	+ 5 13 58.20	+51.58	− 0 13 54	0.000194
Riga (Polytechnikum) Turm	—	+56 57 7	− 1 36 28.11	−15.84	+56 46 30	9.998974
Rio de Janeiro	63	−22 54 23.7	+ 2 52 41.52	+28.37	−22 46 6.0	9.999784
Rio de Janeiro (N. Stw.)	33	−22 53 41	+ 2 52 53.5	+28.40	−22 45 24	9.999782
Rom (Coll. Rom.) Mer.-Kr.	59	+41 53 53.6	− 0 49 55.36	− 8.19	+41 42 22.3	9.999354
Rom (Capitol) Mer.-Kr.	65	+41 53 33.2	− 0 49 56.34	− 8.20	+41 42 1.9	9.999355
Rom (Vatican) Mer.-Kr.	100	+41 54 12.4	− 0 49 48.26	− 8.18	+41 42 41.1	9.999357
Rousdon	157	+50 42 38	+ 0 11 58.9	+ 1.96	+50 31 16	9.999137
Rugby	119	+52 22 30	+ 0 5 2.0	+ 0.83	+52 11 16.7	9.999093
St. Louis Missouri	—	+38 38 3.6	+ 6 0 49.15	+59.28	+38 26 45.5	9.999433
Saltsjöbaden (Stockholms Observator.)	55	+59 16 18	− 1 13 14	−12.03	+59 6 6	9.998924
San Fernando	30	+36 27 42.0	+ 0 24 49.30	+ 4.08	+36 16 37.7	9.999488
San Francisco[4]	—	+37 47 28.0	+ 8 9 42.81	+80.45	+37 36 14.8	9.999453
Santiago de Chile (N. St.)	580	−33 33 44.2	+ 4 42 46.0	+46.44	−33 23 4.1	9.999595
Santiago de Chile (A. St.)	619	−33 26 25.4	+ 4 42 36.9	+46.42	−33 15 46.4	9.999600
Sétif	1120	+36 11 10	− 0 21 38.6	− 3.55	+36 0 7.7	9.999569
Simeïs	360	+44 24 11.6	− 2 15 59.38	−22.34	+44 12 36.1	9.999312
Sofia (Mil. Geogr. Jnst.)	555	+42 41 51	− 1 33 19.87	−15.33	+42 30 18	9.999368
Sonneberg (Hoffmeister)	405	+50 21 29.5	− 0 44 42.87	− 7.34	+50 10 5.5	9.999163
Sonneberg (Erbisbühl)	640	+50 22 41.4	− 0 44 46.19	− 7.36	+50 11 17.5	9.999178
South Hadley	76	+42 15 18.2	+ 4 50 19	+47.69	+42 3 45.9	9.999346
Stará Dala[5]	113	+47 52 27.3	− 1 12 45.49	−11.95	+47 40 54.9	9.999206
Stockholm (Alte St.) M.-Kr.[6]	44	+59 20 32.7	− 1 12 13.97	−11.86	+59 10 21.4	9.998922
Stonyhurst	116	+53 50 40.0	+ 0 9 52.7	+ 1.62	+53 39 36.5	9.999056
Straßburg (N.St.). M.-Kr.[7]	144	+48 35 0.4	− 0 31 4.53	− 5.10	+48 23 29.9	9.999190
Sydney	44	−33 51 41.1	−10 4 49.54	−99.36	−33 40 58.2	9.999551
Tacubaya[8]	2311	+19 24 17.9	+ 6 36 46.71	+65.18	+19 17 3.0	9.999997
Tartu (Dorpat, Jurjew) Mer.-Kr.	67	+58 22 47.2	− 1 46 53.19	−17.56	+58 12 25.1	9.998946
Taschkent	479	+41 19 36.7	− 4 37 10.57	−45.53	+41 8 7.1	9.999398

[1]) Vassar College. — [2]) Alte Sternwarte 2″.0 nördlich, $1^{s}94$ östlich; 65^{m}. — [3]) Seagrave. Ladd Observatory 35″ nördlich, $1^{s}57$ östlich. — [4]) Davidson Observatory. — [5]) Früher O-Gyalla. — [6]) Neue Sternwarte seit 1931 in Saltsjöbaden. — [7]) Seit Anfang 1881. — [8]) Seit März 1883, früher in Chapultepec.

Name	Seehöhe	Geogr. Breite	Länge von Greenwich + westlich — östlich	Korr. der Sternzeit	Geoz. Breite	Log. ρ incl. Seehöhe
	m	° ′ ″	h m s	s	° ′ ″	
Teramo (Cerulli)	398	+42 39 27	— 0 54 55.8	— 9.02	+42 27 54	9.999358
Tokio	59	+35 40 21.3	— 9 18 10.09	— 91.69	+35 29 22.9	9.999509
Toronto	116	+43 40 1.3	+ 5 17 34.67	+ 52.17	+43 28 26.5	9.999313
Tortosa (Ebro-Stw.) M.-Kr.	54	+40 49 14	— 0 1 58	— 0.32	+40 37 46	9.999382
Toulouse Mer.-Kr. . . .	195	+43 36 44.0	— 0 5 51.2	— 0.96	+43 25 9.3	9.999320
Triest	23	+45 38 45.4	— 0 55 2.90	— 9.04	+45 27 9.9	9.999256
Tsingtau (Met.-astr. Stat.).	—	+36 4 11.3	— 8 1 16.21	— 79.06	+35 53 9.8	9.999496
Tucson Arizona (Steward Obs.) .	757	+32 13 59.4	+ 7 23 47.68	+ 72.90	+32 3 32.6	9.999638
Turin Mer.-Kr.	276	+45 4 7.9	— 0 30 47.15	— 5.06	+44 52 32.2	9.999288
Turin (Pino Torinese) .	618	+45 2 16.3	— 0 31 5.95	— 5.11	+44 50 40.6	9.999312
Upsala (N. Stw.) Pass.-Instr.	21	+59 51 29.4	— 1 10 30.13	— 11.58	+59 41 24.2	9.998909
Urbana Jll.	236	+40 6 20.2	+ 5 52 53.90	+ 57.97	+39 54 55.1	9.999412
Utrecht.	12	+52 5 9.5	— 0 20 31.6	— 3.37	+51 53 54.4	9.999093
Valkenburg (Ignatius Coll.)	100	+50 52 29.3	— 0 23 19.91	— 3.83	+50 41 7.8	9.999129
Venedig	15	+45 26 10.5	— 0 49 22.12	— 8.11	+45 14 34.9	9.999261
Victoria B.C. (Dominion Obs.)	229	+48 31 15.7	+ 8 13 40.17	+ 81.18	+48 19 45.0	9.999197
Warschau[1]) Zentr. d. Stw.	121	+52 13 4.6	— 1 24 7.25	— 13.82	+52 1 50.3	9.999097
Warschau[2])	—	+52 13 10	— 1 24 4.8	— 13.81	+52 1 56	9.999088
Warschau (Techn.Hochsch.)	144	+52 13 21.0	— 1 24 2.4	— 13.81	+52 2 6.8	9.999098
Washington (Alte Stw.) .	31	+38 53 38.9	+ 5 8 12.13	+ 50.63	+38 42 19.4	9.999428
Washington (Neue Stw.) .	82	+38 55 14.0	+ 5 8 15.78	+ 50.64	+38 43 54.4	9.999431
Washington (Kath. Univ.)	—	+38 56 14.8	+ 5 8 0.0	+ 50.60	+38 44 55.1	9.999425
Wellington Transit Instr.[3])	127	—41 17 3.8	—11 39 4.27	—114.84	—41 5 34.3	9.999375
West Point N. Y. (N.Stw.)[4])	170	+41 23 22.1	+ 4 55 50.6	+ 48.60	+41 11 52.3	9.999375
Wien (Alte Sternw.) . . .	167	+48 12 35.5	— 1 5 31.61	— 10.76	+48 1 3.9	9.999201
Wien (Josephstadt)[5]) . . .	214	+48 12 53.8	— 1 5 25.17	— 10.74	+48 1 22.2	9.999204
Wien (Neue Sternw.) Zentr.	240	+48 13 55.3	— 1 5 21.35	— 10.73	+48 2 23.8	9.999205
Wien (Ottakring)[6]) . . .	285	+48 12 46.7	— 1 5 10.97	— 10.71	+48 1 15.1	9.999209
Wien (Mil. Geogr. Inst.) .	211	+48 12 40.5	— 1 5 26.24	— 10.75	+48 1 8.9	9.999203
Wien (Techn. Hochschule) .	198	+48 11 58.3	— 1 5 29.76	— 10.76	+48 0 26.7	9.999204
Wilhelmshaven Mer.-Kr.	9	+53 31 52.1	— 0 32 35.15	— 5.35	+53 20 46.4	9.999057
Williams-Bay Wisc.[7]) .	334	+42 34 12.6	+ 5 54 13.24	+ 58.19	+42 22 39.6	9.999356
Williamstown Mass. .	213	+42 42 49	+ 4 52 53.5	+ 48.12	+42 31 16	9.999344
Wilna Pass.-Instr. . . .	122	+54 40 59.1	— 1 41 8.76	— 16.61	+54 30 2.1	9.999036
Windsor N. S. W.[8]) . .	16	—33 36 30.8	—10 3 20.77	— 99.11	—33 25 50.2	9.999556
Wolfersdorf	279	+50 47 20.0	— 0 46 50.94	— 7.70	+50 35 58.0	9.999143
Zô-sè China	100	+31 5 47.6	— 8 4 44.75	— 79.63	+30 55 33.2	9.999619
Zürich Meridian-Kreis . .	468	+47 22 38.3	— 0 34 12.3	— 5.62	+47 11 4.8	9.999242

[1]) Universitäts-Sternwarte. — [2]) Dr. Jedrzejewicz; seit 1898, früher in Plonsk. — [3]) Dominion Observatory. — [4]) Seit 1883. Alte Sternwarte 9″ nördlich, 1.ˢ2 östlich. — [5]) von Oppolzers Sternwarte. — [6]) v. Kuffner. — [7]) Yerkes Observatory. — [8]) J. Tebbutt. Neue Sternwarte, 0.″4 südlich von der alten.

Normalzeiten der wichtigeren Länder

a) An den Meridian von Greenwich angeschlossen

Normalzeit = Mittl. Ortszeit des Meridians	Bezeichnung	Staaten
östl. Gr.		
h m		
11 30	—	Neu Seeland
10 0	Ostaustralische Z.	Victoria, Neu Süd-Wales, Queensland, Tasmanien
9 30	—	Süd-Australien
9 0	—	Japan, Korea
8 0	Ostchinesische Küsten-Z.	Ostküste von China, West-Australien
7 0	Südchinesische Küsten-Z.	Südküste von China, Franz. Indochina
5 30	—	Indien, Ceylon
4 0	—	Europ. Rußland*) von 40° bis 52° 30′ östl. Länge
3 0	—	Europ. Rußland*) westl. von 40° östl. Länge
2 30	—	Deutsch Ostafrika
2 0	Osteuropäische Z.	Finnland, Estland, Lettland, Bulgarien, Rumänien, Griechenland, Türkei, Palästina, Ägypten, Süd-Afrika
1 0	Mitteleuropäische Z. (M. E. Z.)	Norwegen, Schweden, Dänemark, Deutschland, Österreich, Ungarn, Schweiz, Italien, Litauen, Polen, Tchechoslovakei, Jugoslavien, Kamerun, Deutsch Südwest-Afrika
h m 0 0	Westeuropäische Z. (Greenwich Z.)	Belgien, Frankreich, Großbritannien und Irland, Luxemburg, Portugal, Spanien, Gibraltar, Algerien
westl. Gr.		
h m		
1 0	—	Island, Madeira, Kanarische Inseln
2 0	—	Azoren, Kap Verdesche Inseln
3 0	—	Ost-Brasilien
3 30	—	Uruguay
4 0	Atlantic St. Time	Mittel-Brasilien, Argentinien, Canada (Küste)
4 30	—	Venezuela
5 0	Eastern St. Time	Canada (Quebec, Ontario zwischen 68° und 90° westl.), Vereinigte Staaten (Ost-Zone), Chile, Panama, Peru, West-Brasilien, Columbien
6 0	Central St. Time	Zentral-Zone von Canada und von den Vereinigten Staaten, Ostmexico
7 0	Mountain St. Time	Gebirgszone von Canada und von den Vereinigten Staaten, Westmexico
8 0	Pacific St. Time	Vereinigte Staaten (Pacifische Küste), Britisch Columbien
10 30	—	Hawaii (Sandwich Inseln)

*) Im Gebiet der Sowjet-Republiken sind alle Uhren 1 Stunde vorgestellt.

b) Nicht an den Meridian von Greenwich angeschlossen

Staaten	Meridian	Längendifferenz gegen Greenwich
Ecuador	Quito	5h 14m 6.7s W.
Niederlande	Amsterdam	0 19 32.1 O.

Besondere Erläuterungen zu den Angaben und zum Gebrauch des Jahrbuchs.

Das Jahrbuch gibt die Örter der *Wandelsterne* in geozentrischen und in heliozentrischen Koordinaten. Die Zeitpunkte, für die sie gelten, sind in Welt-Zeit ausgedrückt, wenn nicht ausdrücklich eine andere Zeit angegeben wird. **Welt-Zeit ist identisch mit Bürgerlicher Zeit Greenwich.** Der bürgerliche Tag beginnt um Mitternacht, die Welt-Zeit-Stunden sind von 0^h bis 24^h durchgezählt. Die Beziehung zu der bis zum Jahrgang 1924 (einschließlich) im Jahrbuch verwendeten Mittleren Zeit Greenwich besteht darin, daß der astronomische mittlere Tag erst am Mittag des bürgerlichen Tages, also 12^h nach dessen Anfang beginnt. Somit ist 1925 Jan. 1, 0^h Welt-Zeit gleich 1924 Dez. 31, 12^h Mittlere Zeit Greenwich.

Die Örter der *Fixsterne* sind gegeben als »Mittlere Sternörter«, bezogen auf das mittlere Äquinoktium des Jahresanfangs, und in Ephemeridenform als »Scheinbare Sternörter«, bezogen auf das instantane wahre Äquinoktium.

Zur Erläuterung ist im einzelnen folgendes zu bemerken:

Sonnenephemeride (S. 2—29 und 100—108).

Der erste Teil der Sonnenephemeride (S. 2—19) gibt auf den linken Seiten für 0^h Welt-Zeit an jedem Tage:

1) Die Zeitgleichung = Mittlere Zeit *minus* Wahre Zeit.

2) Die geozentrischen, äquatorialen Koordinaten α, δ des scheinbaren Sonnenorts, bezogen auf das jedesmalige wahre Äquinoktium, zugleich mit der ersten Differenzenreihe. Diese Angaben sind direkt mit den Beobachtungen vergleichbar. Die Nutationsglieder kurzer Periode sind, wie im Vorwort erwähnt, in den Koordinaten nicht enthalten.

3) Die halbe Durchgangsdauer (in Sternzeit) der Sonnenscheibe durch den Meridian.

4) Den geozentrischen Halbmesser der Sonnenscheibe, d. i. der Winkel, unter dem der Sonnenhalbmesser vom Erdmittelpunkt aus erscheint.

Die rechten Seiten geben:

1) Die Julianische Zeit, d. i. die Anzahl der seit Beginn der Julianischen Periode verflossenen mittleren Sonnentage.

2) Die Sternzeit für 0^h Welt-Zeit. In ihr sind, wie im Vorwort erwähnt, nur die langperiodischen Glieder der Nutation enthalten.

Um für einen Erdort der westlichen Längendifferenz $\Delta\lambda$ (in Stunden) gegen Greenwich die Sternzeit in seiner mittleren Mitternacht zu erhalten, ist zu diesen Angaben hinzuzulegen: $9^s.8565\ \Delta\lambda$. Diese Werte finden sich unter der Überschrift: »Korr. der Sternzeit« im Verzeichnis der Sternwarten.

3) Die Nutation in Rektaszension getrennt nach langperiodischen und kurzperiodischen Gliedern.

4) Die geozentrischen ekliptikalen Koordinaten λ, β der Sonne, bezogen auf das mittlere Äquinoktium des Jahresanfangs, sowie log R, den Logarithmus der Entfernung R der Erde von der Sonne. Diese Angaben finden bei Bahnberechnungen u. dergl. Verwendung.

5) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs der Sonne für einen Ort des Nullmeridians in $+50°$ Breite; sie sind mit der Horizontalrefraktion $34'$ berechnet und gelten für den oberen Rand der Sonne. Um daraus für einen beliebigen anderen Ort zwischen $+30°$ und $+60°$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 334*, 335* zu benutzen.

Auf S. 20—28 folgen, bezogen auf das mittlere Äquinoktium des Jahresanfangs, die rechtwinkligen, geozentrischen, äquatorialen Sonnenkoordinaten für 0^h Welt-Zeit mit ihren ersten und zweiten Differenzen. Die gleichen Koordinaten, jedoch bezogen auf das Normaläquinoktium 1925.0, werden auf S. 100—108 gegeben.

Die Werte von X, Y, Z sind auf 6 Dezimalen gegeben. Die Ephemeriden bieten jedoch die Möglichkeit, die Sonnenkoordinaten auch auf 7 Dezimalen zu entnehmen. Zu diesem Zwecke füge man an die 6-stelligen Werte eine Null an und vereinige sie algebraisch mit den Werten von ΔX, ΔY, ΔZ. Ein ausführliches Beispiel hierfür ist im Jahrgang 1933, S. 362* gegeben.

Die gleichen Vorschriften gelten für die auf das Normaläquinoktium 1925.0 bezogenen Sonnenkoordinaten auf S. 100—108.

Am Fuß der Seite 28 finden sich die Zeiten für die Anfänge der Jahreszeiten und für die Erdnähe und Erdferne der Sonne.

Die Seite 29 enthält die Aberration, Parallaxe, mittlere Länge $L_\odot$ und mittlere Anomalie $M_\odot$ der Sonne im Intervall von je 10 Tagen.

Mondephemeride (S. 30—48).

Die Mondephemeride (S. 30—47) gibt auf den linken Seiten für 0^h Welt-Zeit:

1) Die scheinbare Rektaszension und Deklination des Mondmittelpunktes mit den ersten Differenzen.

2) Die Äquatorial-Horizontalparallaxe $p_☾$ des Mondes.

3) Den geozentrischen Mondhalbmesser $r_☾$, d. i. der Winkel, unter dem der Mondhalbmesser vom Erdmittelpunkt aus erscheint.

4) Die Länge und Breite des Mondes, abgekürzt auf $0°.001$.

Die rechten Seiten enthalten:

1) Für den oberen Durchgang des Mondes durch den Meridian von Greenwich die genäherten Angaben für die Rektaszension, Deklination und Parallaxe des Mondmittelpunktes, sowie die bürgerliche Greenwicher Zeit dieses Durchgangs, nebst den Änderungen für 1^h westlicher Längendifferenz.

2) Die bürgerlichen Ortszeiten des Aufgangs und Untergangs des Mondes für einen Ort des Nullmeridians in $+50°$ Breite nebst Änderung für 1^h westlicher Längendifferenz; sie sind mit der Horizontalrefraktion $34'$ berechnet und gelten für den oberen Rand des Mondes. Um daraus für einen beliebigen anderen Ort zwischen $+30°$ und $+60°$ geographischer Breite die entsprechenden Angaben zu erhalten, ist die Tabelle S. 336*, 337* zu benutzen.

Seite 48 enthält die Zeitangaben für die Phasen und die Erdnähe und Erdferne des Mondes.

Ephemeriden der Großen Planeten (S. 49—99 und 109—112).

Die geozentrischen Örter der Planeten sind für Merkur, Venus, Mars, Jupiter, Saturn von Tag zu Tag, für Uranus, Neptun und Pluto von 4 zu 4 Tagen für 0^h Welt-Zeit mit ihren ersten Differenzen gegeben. Für die Planeten Merkur bis Neptun sind scheinbare, auf das momentane wahre Äquinoktium bezogene Örter gegeben. Die Örter von Pluto sind auf das mittlere Äquinoktium 1925.0 bezogen und sind nicht wegen Aberration korrigiert. Zur bequemeren Vergleichung der Beobachtungen mit der Ephemeride sind bei diesem Planeten Fixsternaberration und Lichtzeit in besonderen Spalten angeführt. Die letzte Spalte gibt die bürgerliche Zeit (Greenwich) der oberen Kulmination in Greenwich.

Die Örter von Pluto sind nach den Elementen XIX von E. C. Bower, Lick Observatory Bulletin 437, unter Berücksichtigung der Störungen durch Jupiter, Saturn, Uranus und Neptun berechnet.

Die scheinbaren Halbmesser in der Einheit der Entfernung sind:

Merkur	3.″34	Saturn (äquat.)	81.″4
Venus	8.78	» (polar)	73.4
Mars	4.68	Uranus	34.7
Jupiter (äquat.)	99.8	Neptun	45
» (polar)	92.6		

Die heliozentrischen Ephemeriden der Planeten (S. 109—112) geben den Log. des Radiusvector, die Länge, deren Reduktion auf die Bahn und die Breite bezogen auf das mittlere Äquinoktium 1925.0.

☊ und i stellen die Bahnlage für die Epoche 1925.0 und das Normaläquinoktium 1925.0 dar.

Die Genauigkeit und Ausführlichkeit dieser heliozentrischen Angaben sind ihrem Hauptzweck, zur Berechnung der speziellen Störungen zu dienen, angepaßt.

Die beigefügten Werte der Planetenmassen sind die den Tafeln von Newcomb und von Hill zugrunde liegenden. Für die Erde ist

noch besonders zu erwähnen, daß die Masse von »Erde + Mond« gegeben ist, Radiusvector und heliozentrische Länge sich auf den Schwerpunkt des Systems »Erde + Mond« beziehen.

Mittlere Örter von 925 Fixsternen (S. 2*—25*).

Die mittleren Örter der 925 Fixsterne sind aus den Daten der Veröffentlichung Nr. 33 des *Königlichen Astronomischen Rechen-Instituts* mit den daselbst angegebenen Hilfsgrößen für Präzession und Eigenbewegung abgeleitet worden. Nur die mittleren Örter der 20 Polsterne sind durch numerische Integration berechnet.

Ein * vor dem Namen weist auf eine Anmerkung am Fuß der Seite hin.

Unter Gr. stehen die visuellen Größen, welche aus der »Revised Harvard Photometry« in »Harvard Annals, vol. 50« entnommen sind, sofern nichts anderes bemerkt ist. Wo für einen Stern zwei Größen gegeben sind, beziehen sich diese auf die Komponenten eines Doppelsterns. Die in den Anmerkungen gegebenen Größen für Doppelsternkomponenten und für die Extrema der Veränderlichen sind dem »Henry Draper Catalogue« entnommen.

Die Spektren sind aus dem Draper Katalog übernommen worden. Zusammengesetzte Spektren sind durch + gekennzeichnet. In anderen Fällen beziehen sich, wo 2 Spektren gegeben sind, diese auf die Komponenten eines Doppelsterns.

Scheinbare Örter von 579 Fixsternen (S. 26*—235*).

Die scheinbaren Rektaszensionen und Deklinationen der Fixsterne sind für den Moment der oberen Kulmination im Meridian von Greenwich gegeben.

Die Ephemeriden der 555 Sterne mit Deklinationen kleiner als 80°, deren scheinbare Örter von 10 zu 10 Sterntagen gegeben sind, enthalten die kurzperiodischen Mondglieder der Nutation nicht. Das Datum des Tages, an welchem zwei Kulminationen stattfinden, ist in kleinem Druck vor der Rektaszensionsspalte angeführt.

Die jährliche Parallaxe ist bei folgenden Sternen berücksichtigt, bei denen sie hinreichend verbürgt erscheint, nämlich:

Nr. 59	τ Ceti	mit	0.315″
Nr. 127	ε Eridani	»	0.310
Nr. 257	α Can. maj.	»	0.371
Nr. 291	α Can. min.	»	0.312
Nr. 295	β Geminor.	»	0.101
Nr. 444	β Leonis	»	0.101
Nr. 445	β Virginis	»	0.101
Nr. 470	8 Can. ven.	»	0.107
Nr. 492	43 Comae	»	0.133
Nr. 538	α Centauri	mit	0.758″
Nr. 667	μ Herculis	»	0.111
Nr. 695	χ Draconis	»	0.118
Nr. 699	α Lyrae	»	0.124
Nr. 745	α Aquilae	»	0.204
Nr. 793	61 Cygni pr.	»	0.300
Nr. 819	δ Capricorni	»	0.114
Nr. 875	Br. 3077	»	0.145

Von den im B. J. nicht mit Ephemeriden versehenen Sternen des NFK besitzen noch folgende hinreichend verbürgte Parallaxen: Nr. 119 e Eridani 0″.161, Nr. 135 δ Eridani 0″.137, Nr. 217 γ Leporis 0″.149 und Nr. 825 ε Indi 0″.281.

Die Ephemeriden der auf S. 2*—24* eingeklammerten Sterne findet man im Almanaque Nautico.

Es folgen die scheinbaren Örter von 20 Polsternen für jede obere Kulmination. Sie enthalten die kurzperiodischen Mondglieder nicht, jedoch sind deren Werte in besonderen Spalten gegeben.

Am Fuße der Ephemeriden ist der mittlere Ort eines jeden Sternes für den Anfang des Jahres und die Werte von sec δ und tg δ angegeben, welche bei der Reduktion der Meridianbeobachtungen nach der hierfür am zweckmäßigsten erscheinenden Besselschen Formel gebraucht werden. Ferner sind hier die Größen a, b, a', b' enthalten, mit deren Hilfe die Nutationsglieder kurzer Periode leicht berechnet werden können. Man erhält $A'a + B'b$ in Zeitsekunden, $A'a' + B'b'$ in Winkelsekunden.

Auf den Seiten 226*—235* sind die scheinbaren, rechtwinkligen Koordinaten von vier polnahen Sternen gegeben. Sie beziehen sich auf ein Koordinatensystem, dessen positive x-Achse nach dem Frühlingspunkt und dessen positive y-Achse nach dem Punkt $\alpha = 6^h$, $\delta = 0°$ gerichtet ist. Der Zusammenhang zwischen x, y und α, δ ist gegeben durch die Beziehungen: $x = \cos\delta \cos\alpha$, $y = \cos\delta \sin\alpha$. Die Angaben gelten für 12^h Sternzeit Greenwich und enthalten die kurzperiodischen Mondglieder der Nutation nicht, deren Werte jedoch in der letzten Spalte einer jeden Seite unter der Überschrift »Kurzperiod. Mondgl.« gegeben sind.

Als Quellen für die Koordinaten und Eigenbewegungen dieser vier Sterne sind benutzt worden:

für BD + 89° 1: L. Courvoisier: Beobachtungen des Sterns BD 89° 1 am großen Meridiankreis der Berliner Sternwarte. Astron. Nachr. Bd. **200**, 243,

für BD + 89° 3: L. Courvoisier: Ephemeriden der Polsterne BD 89° 3 und BD 89° 37 für 1923. Astron. Nachr. Bd. **217**, 319,

für BD + 89° 37: L. Courvoisier: Neue Position und Eigenbewegung des Polsterns BD + 89° 37. Astron. Nachr. Bd. **230**, 71,

für CPD — 89° 38: Cape Annals Bd. **XI**, II, 244 für den Ort und eine briefliche Mitteilung für die Eigenbewegung.

Mit den an diesen Stellen gegebenen Werten findet man folgende mittleren Örter für 1936.0:

Name	Gr.	x	Jährliche Veränd. 1936.5	Jährliche Eigenbew.	y	Jährliche Veränd. 1936.5	Jährliche Eigenbew.
	M	″	″	″	″	″	″
BD+89° 1	10.56	—199.55	—20.086	—0.024	+ 79.09	—0.055	—0.008
BD+89° 3	9.06	+ 0.78	—20.240	—0.003	+863.62	—0.008	—0.006
BD+89° 37	10.06	—981.66	—19.978	—0.011	—344.37	—0.207	+0.015
CPD—89° 38	9.5	—106.77	+20.140	+0.027	—307.49	+0.009	+0.031

Reduktionsgrößen (S. 236*—276*).

Auf die scheinbaren Örter der Sterne folgt S. 236* eine Zusammenstellung der Werte, mit welchen die Reduktionsgrößen der darauf folgenden Tafeln berechnet sind, und der Formeln für die Reduktion auf den scheinbaren Ort.

Die Größen zur »Reduktion auf den scheinbaren Ort« sind in ihrer *ersten* Form: A, B, C, D, E; A', B' gegeben für 12^h Sternzeit des Meridians von Greenwich:

1) Auf S. 237* im Intervall von 10 Sterntagen.

Diese Tafel soll zur Berechnung von Sternephemeriden für die Epochen der Meridiandurchgänge dienen. Wegen ihrer logarithmischen Form und des großen Intervalls ist die Tafel zur Interpolation nicht geeignet. Man wird deshalb zweckmäßig die Interpolation erst nach der Summierung der einzelnen unmittelbar für die Epochen der Tafel berechneten Glieder vornehmen.

2) Auf S. 256*—264* für jeden Sterntag. Hier sind die numerischen Werte von A, B, C und D mit ihren Differenzen gegeben und die kurzperiodischen Mondglieder A' und B' mit angeführt.

Beiden Tafeln ist in einer Spalte die dem festen Sternzeitmoment jedesmal entsprechende Welt-Zeit vorangestellt; man wird hiernach auf jeden beliebigen Zeitpunkt, gegeben durch Datum, Sternzeit und Längendifferenz gegen Greenwich, übergehen können. Eine weitere Spalte gibt die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres.

Die Reduktionsgrößen der *zweiten* Form: f, log g, G, log h, H, log i und i, sowie f', g' und G' sind S. 238*—255* von Tag zu Tag für 0^h Welt-Zeit gegeben.

Auch hier findet sich eine Spalte, t überschrieben, welche die seit Beginn des annus fictus verflossene Zeit in Bruchteilen des tropischen Jahres gibt. Ferner ist die Sternzeit Greenwich für 0^h Welt-Zeit gegeben.

Die Seiten mit ungerader Seitenzahl enthalten außer den schon erwähnten f', g', G' noch folgende Größen:

a) ψ = Allgemeine Präzession seit Jahresanfang.
b) $\Delta\psi$ = Langperiodische Glieder der Nutation in Länge.
c) $\Delta\psi'$ = Kurzperiodische Glieder der Nutation in Länge.
d) ε = Wahre Schiefe der Ekliptik.
e) $\Delta\varepsilon$ = Langperiodische Glieder der Nutation in Schiefe.
f) $\Delta\varepsilon'$ = Kurzperiodische Glieder der Nutation in Schiefe.
g) Die Koeffizienten j und k, welche in den Formeln auf S. 267* vorkommen.

Die mittlere Schiefe erhält man durch Subtraktion der Gesamtnutation ($\Delta\varepsilon + \Delta\varepsilon'$) von der wahren Schiefe.

Auf S. 265* findet sich eine Tafel der Hilfsgrößen zur Berechnung der Präzession von verschiedenen mittleren Äquinoktien bis 1936.0.

S. 266* enthält eine Tafel der Hilfsgrößen zur Übertragung der Polsternörter von verschiedenen mittleren Äquinoktien auf das mittlere Äquinoktium 1936.0.

Auf S. 267* sind die Formeln zusammengestellt, mit welchen bei Anschlußbeobachtungen die gemessenen Koordinatendifferenzen der scheinbaren Örter in solche der mittleren Örter für den Jahresanfang übergeführt werden. Die in diesen Formeln auftretenden Koeffizienten j und k sind auf den Seiten 239*—255* enthalten und haben die Bedeutung

$$j = 15\, g \text{ arc } 1'$$
$$k = 15\, h \text{ arc } 1',$$

wobei g und h die auf den Seiten 238*—254* gegebenen Reduktionsgrößen sind.

S. 268* enthält eine Zusammenstellung der von der Deklination abhängenden Faktoren der Formeln auf S. 267*.

S. 269* enthält eine Tafel der numerischen Werte der Funktionen Sinus und Cosinus für in Zeit ausgedrückte Winkel. Ihre Benutzung erleichtert die Berechnung der Formeln auf S. 267*.

Die Seite 270* enthält eine Tafel zur Übertragung von Rektaszensions- und Deklinationsdifferenzen vom mittleren Äquinoktium 1936.0 auf das Normaläquinoktium 1925.0. Man findet die auf das Normaläquinoktium 1925.0 bezogene Koordinatendifferenz, indem man an die auf das mittlere Äquinoktium 1936.0 bezogene Rektaszensionsdifferenz die differentielle Präzession Δp_α^s und an die Deklinationsdifferenz die differentielle Präzession $\Delta p_\delta''$ anbringt:

$$\Delta p_\alpha^s = a_1 \operatorname{tg} \delta \cdot \Delta\alpha^m + a_2 \frac{1}{15} \sec^2 \delta \cdot \Delta \delta',$$
$$\Delta p_\delta'' = d_1 \cdot \Delta\alpha^m.$$

Die Koeffizienten a_1, a_2 und d_1 sind in der Tafel auf S. 270* enthalten und haben die Bedeutung

$$a_1 = (n) \text{ arc } 1' \cos \alpha$$
$$a_2 = (n) \text{ arc } 1' \sin \alpha$$
$$d_1 = -15\ (n) \text{ arc } 1' \sin \alpha.$$

$\Delta\alpha^m$ und $\Delta\delta'$ sind die auf das mittlere Äquinoktium 1936.0 bezogenen Rektaszensions- und Deklinationsdifferenzen in Zeit- bez. Winkelminuten. Nach den angegebenen Formeln findet man die differentielle Präzession für Rektaszension in Zeitsekunden, diejenige für Deklination in Winkelsekunden.

Die auf den Seiten 271*—272* gegebenen Größen f, log g und G dienen zur Übertragung der Örter von dem *mittleren* Normaläquinoktium 1925.0 auf das jedesmalige *wahre* Äquinoktium. Die Berücksichtigung des Einflusses der Variatio saecularis bei dieser Übertragung ist durch die Tafel auf S. 273* gegeben. Diese enthält in der ersten Reihe einer jeden Vertikalspalte die Werte von 0.605 × Var. saec. für die mit den Argumenten α und δ gegebenen Örter. Die an zweiter Stelle stehenden Zahlen einer jeden Vertikalspalte sind die einjährigen Änderungen von 0.605 × Var. saec. und sind, wenn erforderlich, bei der Entnahme des Einflusses der Variatio saecularis für den in Frage kommenden Bruchteil des Jahres zu berücksichtigen.

Eine Tafel zur Übertragung von Sternörtern vom mittleren Äquinoktium 1936.0 auf das Normaläquinoktium 1925.0 befindet sich auf den Seiten 274*—276*.

Die hier tabulierten Größen sind gerechnet nach den Formeln:

$$\begin{aligned} A &= (m) + \frac{\nu^2}{4} \sin 2a \\ A_1 &= \nu \sin a \\ A_2 &= \frac{\nu^2}{2} \sin 2a \\ D &= \nu \cos a \\ D_1 &= -\frac{\nu^2}{2} \sin^2 a, \end{aligned}$$

wobei $\nu = \sin (n)$, $a = \alpha_{1936.0} + 90° - (N)$. Betreffs der Größen (m), (n) und $90° - (N)$ vgl. S. 266*.

Sonnen- und Mondfinsternisse (S. 278*—285*).

Die bei den Sonnenfinsternissen gegebenen Besselschen Elemente dienen in der folgenden Weise zur Vorausberechnung der Phasenzeiten und der Positionswinkel der Kontakte:

Mit einer Ausgangszeit T (siehe weiter unten) entnimmt man der Elemententabelle die Werte:

x, y, log sin d, log cos d, μ, l ($l^{(a)}$ für äußere, $l^{(i)}$ für innere Berührung), log tang f ($f^{(a)}$ für äußere, $f^{(i)}$ für innere Berührung), x' und y'.

Mit ihnen rechnet man das folgende Formelsystem durch:

$$(1) \begin{cases} \xi = c \cos \varphi \sin (\mu - \lambda) \\ \eta = s \sin \varphi \cos d - c \cos \varphi \sin d \cos (\mu - \lambda) \\ \zeta = s \sin \varphi \sin d + c \cos \varphi \cos d \cos (\mu - \lambda) \\ \xi' = [7.6398-10]\, c \cos \varphi \cos (\mu - \lambda) \\ \eta' = [7.6398-10]\, \xi \sin d, \end{cases}$$

worin φ die geographische Breite, λ die westliche Länge (von Greenwich) des Beobachtungsortes bezeichnen, s und c aus der Tafel auf S. 340* zu entnehmen sind.

Alsdann:

$$(2) \begin{cases} m \sin M = x - \xi \\ m \cos M = y - \eta \end{cases} m > 0 \qquad \begin{cases} n \sin N = x' - \xi' \\ n \cos N = y' - \eta' \end{cases} n > 0$$

Nun berechnet man aus:

$$(3) \quad L = l - \zeta \text{ tang } f$$

$L^{(a)}$ mit $l^{(a)}$ und $f^{(a)}$, $L^{(i)}$ mit $l^{(i)}$ und $f^{(i)}$; dann aus:

$$(4) \quad \sin \psi = \frac{m \sin (M - N)}{L}\text{ [1])}$$

[1]) Wird der Winkel ψ bei der ersten Näherungsrechnung imaginär, so rechne man τ unter der Annahme $\psi = 90°$ aus $\tau = -\frac{m \cos (M - N)}{n}$; bleibt ψ auch in der weiteren Rechnung imaginär, so deutet dies an, daß an dem betreffenden Orte keine Sonnenfinsternis stattfindet.

mit $L^{(a)}$ und $L^{(i)}$ je zwei Werte $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$, von denen der eine zum Eintritt der Erde in den Halb- oder Kernschatten-Kegel, der andere zu ihrem Austritt aus ihm gehört. Diesen vier Werten $\psi^{(a_1)}$, $\psi^{(a_2)}$ und $\psi^{(i_1)}$, $\psi^{(i_2)}$ entsprechen vier Werte $\tau^{(a_1)}$, $\tau^{(a_2)}$ und $\tau^{(i_1)}$, $\tau^{(i_2)}$ (in Zeitminuten) nach

$$(5)\quad \tau = -\frac{m\cos(M-N)}{n} + \frac{L\cos\psi}{n},$$

um welche die Ausgangszeit T zu verbessern ist, um die Zeit der gesuchten Phase zu erhalten. Ist T die gesuchte Phasenzeit, so wird $\tau = 0$ werden. Man muß daher das Formelsystem (1) bis (5) mit steigenden Näherungen solange durchrechnen, bis dieser Fall eintritt, d. h. bis das Formelsystem sich schließt. Zu diesem Zweck beginnt man mit einem Näherungswert T_1, für den man, wenn kein besserer bekannt sein sollte, eine beliebige Zeit nahe der Mitte der Finsternis nehmen mag, und rechnet die erste genäherte Korrektion τ_1; dann wiederholt man die Rechnung mit $T_2 = T_1 + \tau_1$, dann mit $T_3 = T_2 + \tau_2 = T_1 + \tau_1 + \tau_2$ usf. bis $\tau_n = 0$ sich ergibt. T_n ist dann die gesuchte Welt-Zeit des Kontaktes, die durch Hinzufügung der Längendifferenz in mittlere Ortszeit zu verwandeln ist. Die Rechnung ist für jede Berührung gesondert durchzuführen.

Die Positionswinkel der einzelnen Phasen, in üblicher Weise vom Punkt größter Deklination nach Osten gezählt, folgen aus den Werten der letzten Näherung (Größen mit dem Index n) nach

$$P = N + \psi.$$

Will man den Winkelabstand Q vom Punkte der größten Höhe haben, so hat man von P noch den parallaktischen Winkel γ abzuziehen, der aus

$$\left.\begin{aligned} p\sin\gamma &= \xi \\ p\cos\gamma &= \eta \end{aligned}\right\}\ p > 0$$

folgt, also

$$Q = P - \gamma.$$

Um die Zeit der größten Phase, $T_{\max}$, zu erhalten, hat man die beiden Formelsysteme (1) und (2) mit einem Näherungswerte $\bar{T}_1$ durchzurechnen, daraus $\bar{T}_2 = \bar{T}_1 - \frac{m\cos(M-N)}{n}$ zu entnehmen und die Rechnung solange fortzusetzen, bis die Korrektion der Ausgangszeit 0 wird. Als Näherungswert $\bar{T}_1$ wählt man zweckmäßig das Mittel der beiden Werte von T_2 für die Berührungszeiten.

Die Größe der Verfinsterung i, in Teilen des Sonnendurchmessers ausgedrückt, ergibt sich dann aus:

$$i = \frac{L^{(a)} - m}{2\,L^{(a)} - 0.5450}$$

worin $L^{(a)}$ und m die zur Zeit $T_{\max}$ gehörigen Werte bedeuten.

Sternbedeckungen (S. 286* – 294*).

Die Seiten 286*—289* enthalten die Elemente von Stern- und Planetenbedeckungen durch den Mond, welche in dem Gebiet zwischen den Meridianen 0^h und 2^h östliche Länge von Greenwich und den Breitenkreisen $+45°$ und $+55°$ sichtbar sind. Die Auswahl ist auf Sterne bis

zur Größe $6^m.0$ beschränkt, jedoch sind für Bedeckungen, die in Berlin-Babelsberg, Königsberg oder München sichtbar sind, auch schwächere Sterne berücksichtigt.

Mit den in der Zusammenstellung der Elemente gegebenen Werten geschieht die Berechnung der Berührungszeiten eines Sternes mit dem Mondrand für einen Ort mit den geographischen Koordinaten φ und λ (λ positiv, wenn der Beobachtungsort westlich von Greenwich liegt) auf folgende Weise:

Aus der auf den Seiten 286*—289* enthaltenen Welt-Zeit T der geozentrischen Konjunktion von Mond und Stern findet man einen ausreichenden Näherungswert $T + t$ der Welt-Zeit der topozentrischen Konjunktion durch Berechnung der Größen:

$$h_0 = H - \lambda$$
$$\xi_0 = c \cos \varphi \sin h_0 \quad (c \text{ und später } s \text{ aus der Tafel auf S. 340*})$$
$$\xi' = [9.4192 - 10]\ c \cos \varphi \cos \tfrac{4}{3} h_0$$
$$t = \frac{\xi_0}{x' - \xi'}$$

t ergibt sich in Stunden mittlerer Zeit. Das Vorzeichen entspricht dem von h_0.

Für die Zeit $T + t$ berechne man die folgenden Größen, in denen $t_0 = 1.0027\ t$ ist.

$$\xi = c \cos \varphi \sin (h_0 + t_0)$$
$$\eta = s \sin \varphi \cos \delta - c \cos \varphi \sin \delta \cos (h_0 + t_0) = \eta_1 - \eta_2$$
$$\xi' = [9.4192 - 10]\ c \cos \varphi \cos (h_0 + t_0)$$
$$\eta' = [9.4192 - 10]\ \xi \sin \delta$$
$$x = x'\ t$$
$$y = Y + y'\ t.$$

Aus den Beziehungen:

$$\left.\begin{aligned} m \sin M &= x - \xi \\ m \cos M &= y - \eta \end{aligned}\right\} m > 0$$
$$\left.\begin{aligned} n \sin N &= x' - \xi' \\ n \cos N &= y' - \eta' \end{aligned}\right\} n > 0$$
$$\sin \psi = [0.5646]\ m \sin (M - N),$$

ψ zwischen $+ 90°$ und $- 90°$, berechne man

$$\tau = - \frac{[1.7782]\ m}{n} \cos (M - N) \mp \frac{[1.2135]}{n} \cos \psi$$
$$d\tau = \frac{[6.7591 - 10]\tau^2}{n \cos \psi} [\eta_2 \cos (N \mp \psi) - \xi \sin (N \mp \psi)],$$

wobei die oberen Vorzeichen für den Eintritt, die unteren für den Austritt gelten. Die eingeklammerten Zahlen bedeuten Logarithmen. τ und $d\tau$ ergeben sich in Zeitminuten. Werden die für den Eintritt geltenden Werte mit τ' und $d\tau'$ bezeichnet, die für den Austritt geltenden mit τ'' und $d\tau''$, so ist die Welt-Zeit des

$$\text{Eintritts} = T + t + \tau' + d\tau'$$
$$\text{Austritts} = T + t + \tau'' + d\tau''.$$

Als Kontrolle berechne man die Werte von x, y, ξ, η für die so gefundenen Berührungszeiten. Sind diese richtig, so muß die Beziehung erfüllt sein:

$$\sqrt{(x - \xi)^2 + (y - \eta)^2} = 0.2725.$$

Ist $m \sin(M - N) > 0.2725$, so tritt für den betreffenden Beobachtungsort keine Bedeckung des Sternes ein.

Die Positionswinkel des Sternes in bezug auf den Mondmittelpunkt für die Zeiten des Ein- und Austritts folgen aus

$$P_E = N - \psi - dP \text{ für den Eintritt,}$$
$$P_A = N + \psi + dP \pm 180° \text{ für den Austritt,}$$

wobei die Winkel $N - \psi$ und $N + \psi$ aus der Rechnung für $d\tau$ entnommen werden können, und dP in Graden ausgedrückt aus

$$dP = \frac{[7.3038-10]\,\tau^2}{\cos\psi}\,(\eta_2 \sin N + \xi \cos N)$$

folgt.

Auf den Seiten 290*—294* sind Angaben über die Sternbedeckungen enthalten, die in Berlin-Babelsberg, Königsberg und München sichtbar sind. Außer der genäherten Welt-Zeit des Ein- und Austrittes ist unter P der Positionswinkel des Sterns für die Zeiten der Berührung mit dem Mondrande angeführt.

Die Größen a und b dienen zur Berechnung der genäherten Ein- und Austrittszeiten für andere als die drei angeführten Orte. Sind λ_0 und φ_0 die geographischen Längen und Breiten von Berlin-Babelsberg, Königsberg oder München, λ und φ die Koordinaten irgendeines anderen Ortes innerhalb Deutschlands, so wird für diesen letzteren die Zeit der Berührung des Sterns mit dem Mondrande, wenn man z. B. von den für Berlin-Babelsberg geltenden Angaben ausgeht, gleich der Zeit der Berührung für Berlin-Babelsberg $+ a(\lambda - \lambda_0) + b(\varphi - \varphi_0)$, wobei $\lambda - \lambda_0$ und $\varphi - \varphi_0$ in Einheiten des Grades unter Mitnahme der Zehntelgrade zu verwenden sind, und die Korrektion $a(\lambda - \lambda_0) + b(\varphi - \varphi_0)$ sich in Zeitminuten ergibt.

Die Vorausberechnungen der Sternbedeckungen für Berlin-Babelsberg, Königsberg und München sind von dem Nautical Almanac Office, London, zur Verfügung gestellt worden.

Mondbewegung und Lage des Mondäquators gegen den Erdäquator (S. 295*).

Auf S. 295* finden sich:

- ☊, Aufsteigender Knoten der Mondbahn auf der Ekliptik,
- $L_☾$, Mittlere Länge des Mondes,
- $M_☾$, Mittlere Anomalie des Mondes,
- i, Neigung des Mondäquators gegen den Erdäquator,
- ☊′, Aufsteigender Knoten des Mondäquators auf dem Erdäquator,
- Δ, Stück des Mondäquators zwischen Ekliptik und Erdäquator,

☋, der aufsteigende Knoten des Mondäquators auf der Ekliptik, ist gleich dem absteigenden Knoten der Mondbahn, also

$$☋ = ☊ \pm 180°.$$

Vom Jahrgang 1926 ab sind die Brownschen Mondtafeln verwendet.

Die Größen i, Δ und Ω' berechnen sich aus:

$$\sin\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}\mho$$

$$\cos\frac{1}{2}(\Delta+\Omega')\cos\frac{1}{2}i=\cos\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}\mho$$

$$\sin\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon-J)\sin\frac{1}{2}\mho$$

$$\cos\frac{1}{2}(\Delta-\Omega')\sin\frac{1}{2}i=\sin\frac{1}{2}(\varepsilon+J)\cos\frac{1}{2}\mho;$$

dabei ist J, die Neigung des Mondäquators gegen die Ekliptik, nach F. Hayn (Astr. Nachr. Bd. **199**, S. 263) zu $J = 1° 32' 20''$ angenommen worden. Die Zahlen geben die Lage des mittleren Mondäquators (ohne physische Libration).

Die auf S. 295* gemachten Angaben über die Elemente der Mondbahn und des Mondäquators werden, teilweise in Verbindung mit den Größen $L_\odot$ und $M_\odot$ auf S. 29, zu verschiedenen Zwecken verwendet:

1) Als Argumente für die Berechnung der Reduktionsgrößen A, B, C, D, E, A', B'.

2) Bei Bestimmung der selenographischen Koordinaten von Punkten der Mondoberfläche (siehe darüber den folgenden Abschnitt).

3) Bei Berechnung der *optischen* und *physischen* Libration des Mondes.

a) Für die Berechnung der *optischen* Libration des Mondes sind alle nötigen Angaben in den Erläuterungen zu den Hilfstafeln unter Nr. 8 (S. 369*) gemacht.

b) Die Beträge der *physischen* Mondlibration in selenographischer Länge, der Neigung des Mondäquators und seinem aufsteigenden Knoten auf der Ekliptik τ, ρ, σ haben die Werte:

$$\tau = -\ 13''\sin M_☾ + 65''\sin M_\odot + 26''\sin 2(L_☾ - M_☾ - \Omega)$$

$$\rho = -106''\cos M_☾ + 34''\cos(2L_☾ - M_☾ - 2\Omega) - 11''\cos 2(L_☾ - \Omega)$$

$$\sigma\sin J = -108''\sin M_☾ + 34''\sin(2L_☾ - M_☾ - 2\Omega) - 11''\sin 2(L_☾ - \Omega)$$

Diese Zahlenangaben beruhen auf der Annahme $f = 0.73$, worüber F. Hayn (Astr. Nachr. Bd. **199**, S. 264) einzusehen ist.

Ephemeride für den Mondkrater Mösting A.

(S. 296*—300*).

Die Ephemeride des Mondkraters Mösting A. dient zwei verschiedenen Zwecken: erstens zur genauen Bestimmung von Mondörtern am Himmel durch Beobachtung des Kraters, zweitens zur Bestimmung der selenographischen Koordinaten weiterer Punkte der Mondoberfläche durch deren mikrometrischen Anschluß an Mösting A.

Sie gilt für 0^h Welt-Zeit und enthält für die Tage, an welchen Mösting A. innerhalb der Beleuchtungsgrenze liegt, die Unterschiede $\alpha_☾ - \alpha_k$ in Rektaszension und $\delta_☾ - \delta_k$ in Deklination zwischen der Mond-

mitte und dem Krater, vom Erdmittelpunkt aus gesehen, sowie den Logarithmus des Sinus der Äquatorial-Horizontalparallaxe p_k des Kraters, welche von der des Mondes $p_{☾}$ zu unterscheiden ist, mit den zugehörigen Differenzen.

Zur Anwendung der Ephemeride auf Beobachtungen des Kraters interpoliere man $\alpha_{☾} - \alpha_k$, $\delta_{☾} - \delta_k$ und log sin p_k mit der Beobachtungszeit. Fügt man alsdann $\alpha_{☾} - \alpha_k$ und $\delta_{☾} - \delta_k$ zum geozentrischen Ort des Kraters (die Parallaxe wird mit p_k und δ_k, der Deklination des Kraters, berechnet), so hat man die geozentrische Rektaszension und Deklination des Mondes für die Beobachtungszeit.

Hat man einen Punkt der Mondoberfläche mikrometrisch an Mösting A. angeschlossen, so bestimme man zunächst die topozentrischen, d. h. mit Parallaxe behafteten Koordinatendifferenzen $\alpha'_{☾} - \alpha'_k$ und $\delta'_{☾} - \delta'_k$ zwischen Mondmittelpunkt und Mösting A. aus folgenden Identitäten:

$$\alpha'_{☾} - \alpha'_k = \alpha_{☾} - \alpha_k + (\alpha'_{☾} - \alpha_{☾}) - (\alpha'_k - \alpha_k)$$
$$\delta'_{☾} - \delta'_k = \delta_{☾} - \delta_k + (\delta'_{☾} - \delta_{☾}) - (\delta'_k - \delta_k).$$

Verbindet man die so erhaltenen topozentrischen Abstände zwischen der Mondmitte und Mösting A. mit den mikrometrischen Messungen zwischen Mösting A. und einem zweiten Krater, so erhält man die topozentrische Lage des letzteren gegen die Mondmitte und kann hieraus mit Hilfe von $\alpha'_{☾}$ und $\delta'_{☾}$ und den Angaben auf S. 295* die selenographische Länge und Breite des zweiten Kraters berechnen. Hierzu dienen die im folgenden angeführten Formeln.

Bezeichnet man mit α' und δ' die topozentrische AR. und Dekl. des an Mösting A. angeschlossenen Kraters, so hat man:

$$s \sin \pi_m = (\alpha' - \alpha'_{☾}) \cos \frac{1}{2} (\delta' + \delta'_{☾})$$
$$s \cos \pi_m = \delta' - \delta'_{☾}$$
$$\pi = \pi_m - \frac{1}{2} (\alpha' - \alpha'_{☾}) \sin \frac{1}{2} (\delta' + \delta'_{☾})$$
$$\sin (K + s) = \sin s \operatorname{cosec} h'.$$

h' ist der Abstand des Kraters vom Mondschwerpunkt, gesehen vom Beobachtungsort aus, der aus h, dem vom Erdmittelpunkt aus gesehenen Abstand, durch Anbringen der Parallaxe gewonnen wird. Ist die Entfernung des Kraters vom Mondschwerpunkt gänzlich unbekannt, so möge für h der aus Sternbedeckungen folgende Wert des Mondhalbmessers 15′ 32″.59 (nach J. Peters, Astr. Nachr. Bd. **138**, S. 147) eingesetzt werden.

$$\sin d = - \sin \delta'_{☾} \cos K + \cos \delta'_{☾} \sin K \cos \pi$$
$$\cos d \cos (a - \alpha'_{☾}) = - \cos \delta'_{☾} \cos K - \sin \delta'_{☾} \sin K \cos \pi$$
$$\cos d \sin (a - \alpha'_{☾}) = \sin K \sin \pi$$
$$\sin \beta = \sin d \cos i - \cos d \sin i \sin (a - ☊')$$
$$\cos \beta \sin \lambda' = \sin d \sin i + \cos d \cos i \sin (a - ☊')$$
$$\cos \beta \cos \lambda' = \cos d \cos (a - ☊')$$
$$\lambda = \lambda' - 180^\circ - L_{☾} - (\Delta - ☋).$$

Die so erhaltenen Werte von λ und β beziehen sich auf den mittleren (vom Einfluß der physischen Libration freien) Mondäquator; die Transformation auf den wahren erfolgt durch die Korrektionen:

$$\begin{aligned} d\lambda &= +13'' \sin M_☾ - 65'' \sin M_⊙ - 26'' \sin 2\,(L_☾ - M_☾ - \Omega) \\ &\quad + \operatorname{tg}\beta\,[-106'' \cos (L_☾ - M_☾ - \Omega + \lambda) \\ &\quad + 34'' \cos (L_☾ - M_☾ - \Omega - \lambda) - 11'' \cos (L_☾ - \Omega - \lambda)] \\ d\beta &= +108'' \sin (L_☾ - M_☾ - \Omega + \lambda) + 34'' \sin (L_☾ - M_☾ - \Omega - \lambda) \\ &\quad - 11'' \sin (L_☾ - \Omega - \lambda) \end{aligned}$$

Bringt man diese Korrektionen $d\lambda$ und $d\beta$ an λ und β an, so erhält man die selenographischen Koordinaten des Kraters:

$$\lambda_0 = \lambda + d\lambda, \qquad \beta_0 = \beta + d\beta$$

Der Berechnung der Ephemeride des Kraters Mösting A. liegen folgende von F. Hayn ermittelten Konstanten (Astr. Nachr. Bd. **199**, S. 263) zugrunde:

$$\lambda_0 = -5^\circ\ 10'\ 7'', \quad \beta_0 = -3^\circ\ 11'\ 2''$$
$$h = 15'\ 33''.4$$

Für die Reduktion auf den mittleren Mondäquator wurden die Werte angenommen:

$$\begin{aligned} d\lambda &= -13'' \sin M_☾ + 65'' \sin M_⊙ + 26'' \sin 2\,(L_☾ - M_☾ - \Omega) \\ d\beta &= -108'' \sin (L_☾ - M_☾ - \Omega + \lambda_0) - 34'' \sin (L_☾ - M_☾ - \Omega - \lambda_0) \\ &\quad + 11'' \sin (L_☾ - \Omega - \lambda_0), \end{aligned}$$

so daß die auf den mittleren Mondäquator bezogenen selenographischen Koordinaten des Kraters Mösting A. sind:

$$\lambda = \lambda_0 + d\lambda, \qquad \beta = \beta_0 + d\beta.$$

Die Formeln zur Berechnung der Ephemeride siehe in den Erläuterungen zum Jahrbuch 1916.

Jupitertrabanten (S. 301*—302*).

Die Seiten 301* und 302* enthalten die Zeitangaben (in Welt-Zeit) für die Verfinsterungen der vier hellen Jupitertrabanten in dem Schattenkegel des Jupiter; Ein- und Austritte sind durch beigefügtes E. und A. unterschieden.

Saturnsring (S. 303*—304*, 307*).

Die Angaben für die scheinbare Größe des Saturn und für die Lage und Größe des Saturnsringes haben die folgende Bedeutung:

α Große Achse des Saturn.

β Kleine Achse des Saturn.

p_a Phase; positiv, wenn der Ostrand, negativ, wenn der Westrand verdunkelt ist.

a Große Achse der Ringellipse.

b Kleine Achse der Ringellipse; positiv, wenn die nördliche, negativ, wenn die südliche Fläche des Ringes sichtbar ist.

U' Heliozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes in der Ekliptik an.

B' Erhöhungswinkel der Sonne über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P' Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Längenkreise; östlich positiv, westlich negativ.

U Geozentrische Länge des Saturn, gezählt auf der Ringebene vom aufsteigenden Knoten des Ringes im Erdäquator an.

B Erhöhungswinkel der Erde über der Ringebene vom Saturn aus gesehen; nördlich positiv, südlich negativ.

P Winkel der kleinen Achse der Ringellipse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise; östlich positiv, westlich negativ.

N Aufsteigender Knoten der Ringebene im Erdäquator, gezählt vom Äquinoktium an.

J Neigung der Ringebene gegen den Erdäquator.

ω Entfernung der Ekliptik vom Erdäquator, gemessen auf der Ringebene.

Es liegen folgende Bestimmungen nach H. Struve zugrunde:
Durchmesser des Saturn in der Entfernung 9.53887

Äquatorial 17″.47 Polar 15″.65

Durchmesser des Ringes in der Entfernung 9.53887

$$2\,R = 39''.35$$

Lage des Saturnsringes gegen die Ekliptik und das Äquinoktium von 1889.25 nach G. Struve

$$\Omega_1 = 167°\ 58'.08 \quad \text{und} \quad i_1 = 28°\ 4'.55$$

Saturnstrabanten (S. 305*—314*).

Die Berechnungen der Saturnstrabanten Mimas bis Rhea sind mit den von G. Struve in den Veröffentlichungen der Universitätssternwarte Berlin-Babelsberg, Bd. VI, Heft 4 abgeleiteten Elementen durchgeführt worden. Für Titan und Japetus sind die von H. Struve in den Publications de l'Observatoire Central Nicolas, Serie II, Bd. XI angegebenen Elemente benutzt worden, und für Hyperion haben die von J. Woltjer in den Annalen der Sternwarte Leiden, Bd. 16, Teil 3 bestimmten Elemente als Grundlage gedient.

Die den Ephemeriden zugrunde liegenden Elemente sind:

MIMAS (Berlin-Bbg. VI, Heft 4)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 127^\circ\ 5'.5$$
$$n = 381^\circ.994442$$
$$\delta l = -44^\circ.390 \sin [5^\circ.0864 (\tau - 1866.27)] - 0^\circ.764 \sin 3 [5^\circ.0864 (\tau - 1866.27)]$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 56^\circ.1 - 365^\circ.23\, t$$
$$\gamma = 1^\circ\ 31'.0$$
$$\Pi_1 = 105^\circ.0 + 365^\circ.60\, t$$
$$e = 0.0201$$
$$a = 26''.826$$

ENCELADUS (Berlin-Bbg. VI, Heft 4)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 199^\circ\ 25'.8$$
$$n = 262^\circ.7319405$$
$$\delta l = +14'.39 \sin (63^\circ.75 + 32^\circ.51\, t) + 14'.06 \sin (117^\circ.28 + 93^\circ.14\, t)$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 51^\circ.81 - 152^\circ.7\, t$$
$$\gamma = 1'.4$$
$$\Pi_1 = 308^\circ.38 + 123^\circ.43\, t$$
$$e = 0.00444$$
$$a = 34''.416$$

TETHYS (Berlin-Bbg. VI, Heft 4)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 284^\circ\ 28'.3$$
$$n = 190^\circ.697950$$
$$\delta l = +2^\circ.065 \sin [5^\circ.0864 (\tau - 1866.27)] + 0^\circ.036 \sin 3 [5^\circ.0864 (\tau - 1866.27)]$$
$$l_1 = E_0 + nt_d + \delta l$$
$$\Theta = 110^\circ.39 - 72^\circ.25\, t$$
$$\gamma = 1^\circ\ 5'.56$$
$$e = 0.0000$$
$$a = 42''.605$$

DIONE (Berlin-Bbg. VI, Heft 4)

Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 253^\circ\ 52'.0$$
$$n = 131^\circ.5349729$$
$$\delta l = -0'.93 \sin (63^\circ.75 + 32^\circ.51\, t) - 0'.91 \sin (117^\circ.28 + 93^\circ.14\, t)$$
$$l_1 = E_0 + nt_d + \delta l$$

$$\Theta = 201^\circ\!.0 - 31^\circ\!.0\,t$$
$$\gamma = 1'\!.4$$
$$\Pi_1 = 173^\circ\!.4 + 30^\circ\!.75\,t$$
$$e = 0.00221$$
$$a = 54''\!.567$$

RHEA (Berlin-Bbg. VI, Heft 4)
Epoche: 1889 April 0.0 Mittl. Zt. Grw.

$$E_0 = 358^\circ\ 23'\!.7$$
$$n = 79^\circ\!.6900881$$
$$l = E_0 + nt_d$$
$$(\Omega - \Omega_1)\sin i_1 = 20'\!.49 \sin(344^\circ\!.09 - 10^\circ\!.20t) - 0'\!.38 + 1'\!.00 \sin(48^\circ\!.5 - 0^\circ\!.50t)$$
$$i - i_1 = 20'\!.49 \cos(344^\circ\!.09 - 10^\circ\!.20t) - 2'\!.79 + 1'\!.00 \cos(48^\circ\!.5 - 0^\circ\!.50t)$$
$$\Pi = 275^\circ\!.85 + 0^\circ\!.53\,t + 17^\circ\!.64 \sin[9^\circ\!.5(\tau - 1879.59)]$$
$$e = 0.00098 + 0.00030 \cos[9^\circ\!.5(\tau - 1879.59)]$$
$$a = 76''\!.203$$

Ω_1 und i_1 bezeichnen die Lage des Saturnsringes.

TITAN (Publ. Obs. Pulkowa, Ser. II, Vol. XI, S. 172)
Epoche: 1890 Jan. 0.0 Mittl. Zt. Grw.

$$E_0 = 260^\circ\ 25'\!.1$$
$$n = 22^\circ\!.577009$$
$$E - E_0 = +4'\!.05 \sin(47^\circ\!.8 - 0^\circ\!.51\,t)$$
$$l = E_0 + nt_d + (E - E_0)$$
$$\Omega = 167^\circ\ 51'\!.2 + 35'\!.84 \sin(47^\circ\!.8 - 0^\circ\!.506\,t) + 0'\!.837\,t$$
$$i = 27^\circ\ 28'\!.4 + 16'\!.88 \cos(47^\circ\!.8 - 0^\circ\!.506\,t)$$
$$\Pi = 276^\circ\ 15' + 31'\!.7\,t + 22'\!.0(\sin 2g - \sin 2g_0)$$
$$e = 0.02886 + 0.000186(\cos 2g_0 - \cos 2g)$$
$$g = \Pi - \Omega - 4^\circ\!.5$$
$$g_0 = g \text{ für } t = 0$$
$$a = 176''\!.578$$

HYPERION (J. Woltjer, Ann. Sternwarte Leiden Bd. XVI, 3, S. 64)
Anfangsepoche für t_d: 1900 Januar 0.0 Mittl. Zt. Grw.
„ „ t : 1900.0

Argumente: $\sigma = 93^\circ\!.13 + 0^\circ\!.562039\,t_d$ $\quad \tilde\omega = 148^\circ\!.72 - 19^\circ\!.184\,t$

$$n = 16^\circ\!.9199896$$
$$l = 176^\circ\!.293 + 16^\circ\!.9199896\,t_d + 9^\circ\!.092 \sin\sigma + 0^\circ\!.211 \sin(\tilde\omega + \sigma) + 0^\circ\!.192 \sin(\tilde\omega - \sigma) - 0^\circ\!.077 \sin\tilde\omega$$
$$\Pi = 70^\circ\!.05 - 18^\circ\!.6562\,t - 13^\circ\!.67 \sin\tilde\omega + 0^\circ\!.93 \sin 2\tilde\omega - 0^\circ\!.47 \sin\sigma$$
$$e = 0.10419 + 0.02414 \cos\tilde\omega - 0.00401 \cos\sigma - 0.00183 \cos 2\tilde\omega$$
$$a = 214''\!.32 - 0''\!.74 \cos\sigma$$

$$\gamma \sin h = -0\overset{\circ}{.}061 + 0\overset{\circ}{.}574 \sin[-2\overset{\circ}{.}392\, t + 95\overset{\circ}{.}9\,]$$
$$+ 0\overset{\circ}{.}315 \sin[-0\overset{\circ}{.}500\, t + 42\overset{\circ}{.}78]$$
$$\gamma \mathrm{c}\ h \mathrm{s\,o} = -07\overset{\circ}{.}47 + 0\overset{\circ}{.}574 \cos[-2\overset{\circ}{.}392\, t + 95\overset{\circ}{.}9\,]$$
$$+ 0\overset{\circ}{.}315 \cos[-0\overset{\circ}{.}500\, t + 42\overset{\circ}{.}78]$$

γ = Neigung der Bahnebene gegen den Saturnsäquator,
h = Länge des aufsteigenden Knotens auf dem Saturnsäquator, gezählt vom aufsteigenden Knoten des Saturnsäquators auf der Ekliptik.

JAPETUS (Suppl. I. Obs. Pulkowa, S. 87; Publ. Obs. Pulkowa, Ser. II, Vol. XI, S. 139)

Epoche: 1885 Sept. 1.0 Mittl. Zt. Grw.

$E_0 = 75°\ 26\overset{\prime}{.}4$	$i = 18°\ 28\overset{\prime}{.}3 - 0\overset{\prime}{.}54\, t$
$n = 4\overset{\circ}{.}537997$	$\Pi = 354°\ 30' + 7\overset{\prime}{.}9\, t$
$l = E_0 + n t_d$	$e = 0.02836 + 0.000015\, t$
$\Omega = 142°\ 12\overset{\prime}{.}4 - 1\overset{\prime}{.}48\, t$	$a = 514\overset{\prime\prime}{.}59$

Hierin bedeuten:

l_1, l = Mittlere Länge in der Bahn
n = Tropische mittlere tägliche Bewegung
δl = Libration
τ = Epoche
t_d = Anzahl der Tage seit der Anfangsepoche
t = Anzahl der Jahre seit der Anfangsepoche
Θ = Knoten auf dem Saturnsäquator
Ω = Knoten auf der Ekliptik
γ = Neigung der Trabantenbahn gegen den Saturnsäquator
i = Neigung der Trabantenbahn gegen die Ekliptik
Π_1, Π = Perisaturnium
e = Exzentrizität
a = Halbachse der Trabantenbahn in der mittleren Entfernung $(\Delta) = 9.53887$

l_1, Π_1 und Θ werden gezählt vom Äquinoktium aus in der Ekliptik, weiter im Saturnsäquator und dann erst in der Trabantenbahn, l und Π vom Äquinoktium aus in der Ekliptik und weiter in der Trabantenbahn.

Auf den Seiten 305*—308* sind die Hilfsmittel gegeben, um in bequemer Weise die Positionen der Trabanten ableiten zu können. Sieht man hierbei von den Neigungen γ ab, so erhält man die rechtwinkligen Koordinaten x und y des Trabanten in bezug auf ein Achsenkreuz, dessen Anfangspunkt im Mittelpunkt des Saturn gelegen ist, dessen X-Achse parallel der großen Achse des Ringes verläuft, positiv, wenn östlich, negativ, wenn westlich vom Saturn, und dessen positive Y-Achse mit dem durch den Saturnsmittelpunkt gehenden Stundenkreise den Winkel P einschließt, aus den Gleichungen:

$$x = \frac{a(\Delta)}{\Delta}\ \frac{1}{1+\zeta}\ \frac{r}{a}\ \sin(u-U)$$

$$y = \frac{a(\Delta)}{\Delta}\ \frac{1}{1+\zeta}\ \frac{r}{a}\ \sin B \cos(u-U).$$

$(\Delta) = 9.53887$ bezeichnet den mittleren Wert der Entfernung Sonne—Saturn, Δ ist die Entfernung Erde—Saturn, $u = L + (v - M)$ ist die wahre Länge des Trabanten vom Erdäquator an gezählt.

$\log \frac{1}{1+\zeta}$ ist auf Seite 307* enthalten.

Ist genaueste Ortsbestimmung erforderlich, so darf man bei Mimas, Tethys und Rhea die Neigungen gegen den Saturnsäquator, da sie schon merklichere Werte annehmen, nicht mehr vernachlässigen; x und y ergeben sich dann aus:

$$x = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin(u - U)$$

$$y = \frac{a(\Delta)}{\Delta} \frac{1}{1+\zeta} \frac{r}{a} \sin B [\cos(u - U) + \sin\gamma \operatorname{cotg} B \sin(u - \vartheta)].$$

Die Werte von ϑ, der Länge des aufsteigenden Knotens der Trabantenbahn auf dem Saturnsäquator, gezählt vom Schnittpunkte des Saturnsäquators mit dem Erdäquator, finden sich für die fünf inneren Trabanten auf Seite 307*; auch ist hier für Rhea γ, weil stärker mit der Zeit veränderlich, in Intervallen von 16 Tagen gegeben.

Will man aus x und y die Rektaszensions- und Deklinationsdifferenzen bestimmen, so dienen dazu die Gleichungen:

$$s \sin(p - P) = x$$
$$s \cos(p - P) = y$$

$$\Delta\alpha = \alpha_{tr} - \alpha_{pl} = \frac{1}{15} s \sin p \sec \delta_{tr}$$
$$\Delta\delta = \delta_{tr} - \delta_{pl} = s \cos p.$$

Auf den Seiten 308*—310* finden sich, außer den Hilfsgrößen U, B und P, für die Trabanten Titan, Hyperion und Japetus die genäherten Rektaszensions- und Deklinationsunterschiede gegen den Saturn in dem Sinne Trabant minus Planet für die beiden letzteren Trabanten.

Die aus den Angaben des Berliner Jahrbuchs ermittelten Trabantenörter sind auf das mittlere Äquinoktium der Epoche bezogen.

Zum Schluß enthalten die Seiten 311*—314* die Zeitangaben (in Welt-Zeit) für die östlichen Elongationen von Mimas, Enceladus, Tethys, Dione, Rhea, ferner für die östlichen und westlichen Elongationen ($u - U = \pm 90°$) und für die oberen und unteren Konjunktionen ($u - U = 0°, 180°$) von Titan, Hyperion und Japetus mit Saturn; diese Zeitangaben für die Elongationen und Konjunktionen sind bereits für Lichtzeit korrigiert, also ohne weiteres mit den Beobachtungen vergleichbar.

Konstellationen (S. 315*—316*).

In der Übersicht der Konstellationen des Jahres 1936 sind die hauptsächlichsten Planeten-Konstellationen gegeneinander und gegen Sonne und Mond, sowie die Angaben der Epochen, zu welchen sich

die Planeten in gewissen Hauptpunkten ihrer Bahn und ihres synodischen Laufes befinden, zusammengestellt. Die Bedeutung der hier verwendeten Zeichen siehe Seite VIII des Vorworts. — Die Konjunktionen der Planeten mit dem Mond und ihre gegenseitigen sind als Konjunktionen in AR. zu verstehen. Die Angaben über Konjunktion und Opposition der Planeten mit der Sonne entsprechen den Zeiten, zu denen der Längenunterschied zwischen Planet und Sonne 0° oder 180° ist.

Hilfstafeln (S. 317*—340*).

Es folgt eine Reihe von häufig gebrauchten Hilfstafeln.

1) Tafeln für Präzessionswerte (S. 317*—319*).

a) Präzession in Rektaszension und Deklination (Seite 317*)

$$p_\alpha = m + \tfrac{1}{15} n \sin\alpha \operatorname{tg}\delta$$
$$p_\delta = n \cos\alpha$$

b) Präzessionswerte m, n, ψ, π, Π und ε, die mittlere Schiefe der Ekliptik (Seite 317*).

Mit diesen Werten berechnet sich die Präzession für die Elemente einer Bahnebene im System der Ekliptik nach:

$$p_\Omega = \psi - \pi \operatorname{cotg} i \sin(\Pi - \Omega)$$
$$p_i = -\pi \cos(\Pi - \Omega)$$
$$p_\omega = \pi \operatorname{cosec} i \sin(\Pi - \Omega)$$

und im System des Äquators nach:

$$p_{\Omega'} = m - n \operatorname{cotg} i' \cos\Omega'$$
$$p_{i'} = -n \sin\Omega'$$
$$p_{\omega'} = n \cos\Omega' \operatorname{cosec} i'$$

c) Präzession in Länge und Breite (Seite 318*—319*).

$$p_\lambda = \psi + \pi \operatorname{tg}\beta \cos(\Pi - \lambda)$$
$$p_\beta = \pi \sin(\Pi - \lambda)$$

Den Tafeln a) und c) liegen die Präzessionswerte für 1925.0 zugrunde. Über die Bedeutung der Bezeichnungen und die Zahlenwerte vergleiche die Erläuterungen zum Jahrbuch für 1916.

2) Hilfstafeln zur Verwandlung von Mittlerer Zeit in Sternzeit (S. 320*, 322*) und von Sternzeit in Mittlere Zeit (S. 321*, 323*).

3) Eine Tafel zur Verwandlung von Stunden, Minuten und Sekunden in Dezimalteile des Tages und umgekehrt (S. 324*—325*).

4) Eine Tafel für die Ermittelung eines Datums in der Julianischen Periode (Seite 326*—330*). Die Tafel besteht aus zwei Teilen. Der erste Teil (S. 326*—327*) gibt in vierjährigen Schaltperioden für die Jahre 0 bis 2000 die Anzahl der am 0. Januar, 12^h Welt-Zeit, seit Anfang der Julianischen Periode verflossenen Tage. Als Ergänzung gibt die Hilfstafel am Fuß der Seite die Anzahl der am 0. jedes Monats, 12^h Welt-Zeit, seit Beginn der Schaltperiode verflossenen Tage. Man gehe bis zum 4. Oktober des Jahres 1582 mit dem Datum des Julia-

nischen, für spätere Jahre mit dem Datum des Gregorianischen Kalenders in die Tafel ein. Der zweite Teil (S. 328*—330*) gibt für die Jahre 1860—1979 unmittelbar die Anzahl der im Gregorianischen Kalender am 0. eines jeden Monats, 12^h Welt-Zeit, seit Beginn der Julianischen Periode verflossenen Tage.

5) Eine Tafel zur Verwandlung von Minuten und Sekunden in Dezimalteile des Grades und umgekehrt (S. 331*).

6) Tafel des halben Tagbogens (S. 332*—333*), berechnet mit der Horizontalrefraktion 34′.9 für geographische Breiten von + 30° bis + 60° und Deklinationen von — 30° bis + 30°.

7) Reduktionstafeln für die Auf- und Untergangszeiten der Sonne und des Mondes (S. 334*—337*). Sie geben die Reduktion der für + 50° Breite gültigen Zeiten, wie sie in den Ephemeriden enthalten sind, auf geographische Breiten zwischen + 30° und + 60° und sind mit der Horizontalrefraktion 34′.9 für das Erscheinen oder Verschwinden des oberen Gestirnsrandes gerechnet.

8) Die Tafel zur Berechnung der optischen Mondlibration (S. 338*—339*) gibt mit dem Argument $\lambda - \Omega$ die Werte $\Delta\lambda$, a und B entsprechend den Gleichungen:

$$\Delta\lambda = \frac{1}{\operatorname{arc} 1'} \operatorname{tang}^2 \frac{1}{2} J \sin 2 (\lambda - \Omega)$$
$$a = - \cos (\lambda - \Omega) \sin J$$
$$\operatorname{tang} B = - \sin (\lambda - \Omega) \operatorname{tang} J$$

J = Neigung des Mondäquators gegen die Ekliptik.

Ω = Länge des aufsteigenden Knotens der Mondbahn auf der Ekliptik (s. S. 295*).

λ, β = Länge und Breite des Mondmittelpunktes, berechnet für den Beobachtungsort.

Bezeichnen noch $L_{☾}$ die mittlere Länge des Mondes, l' und b' die optische Libration der Mondmitte in selenographischer Länge und Breite, so ist:

$$l' = \lambda - L_{☾} + \Delta\lambda - a (B - \beta)$$
$$b' = B - \beta$$

Der Winkel C, welchen der Mondmeridian des Mittelpunktes der scheinbaren Mondscheibe mit dem Stundenkreise bildet, ergibt sich aus der Gleichung:

$$\sin C = - \sin i \frac{\cos (L_{☾} + l' + \Delta - ☋)}{\cos \delta_{☾}} = - \sin i \frac{\cos (\alpha_{☾} - \Omega')}{\cos b'},$$

worin $\alpha_{☾}$, $\delta_{☾}$ Rektaszension und Deklination des Mondmittelpunktes, gesehen vom Beobachtungsort aus, bezeichnen; die anderen vorkommenden Größen i, Δ, ☋ und Ω' haben schon auf S. 359* ihre Erklärung gefunden.

9) Eine Tafel der Hilfsgrößen s und c (S. 340*) zur Berechnung der geozentrischen Breite φ' und der geozentrischen Entfernung ρ eines

Erdortes, ausgedrückt in Einheiten der großen Halbachse des Erdellipsoids, aus der geographischen Breite φ nach den Formeln:

$$\varrho \sin \varphi' = s \sin \varphi$$
$$\varrho \cos \varphi' = c \cos \varphi$$

Darin haben s und c die Bedeutung:

$$s = \frac{1-e^2}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad c = \frac{1}{\sqrt{1-e^2 \sin^2 \varphi}}, \quad e = \sqrt{2\alpha - \alpha^2}.$$

Gemäß den Beschlüssen der Pariser Ephemeridenkonferenz von 1911 ist dabei die Abplattung $\alpha = \frac{1}{297.0}$ angenommen.

Koordinaten der Sternwarten (S. 341*—347*).

Die Seiten 341*—347* enthalten die geographischen und geozentrischen Koordinaten der Sternwarten.

Die Seehöhen sind in allen Fällen angegeben, wo sie sich einigermaßen sicher ermitteln ließen.

Die geographischen Längen sind auf den Meridian von Greenwich bezogen und dem entsprechend ist die »Korrektion der Sternzeit« die Differenz: Orts-Sternzeit in mittlerer Mitternacht minus Greenwicher Sternzeit in mittlerer Mitternacht.

Die geozentrischen Koordinaten sind den Beschlüssen der Pariser Ephemeridenkonferenz vom Oktober 1911 gemäß unter Annahme der Abplattung 1 : 297.0 berechnet.

Bei Berechnung von log ϱ ist die Seehöhe berücksichtigt.

Normalzeiten der wichtigeren Länder (S. 348*).

Auf S. 348* sind die in den wichtigeren Ländern eingeführten Normalzeiten in zwei Gruppen zusammengestellt, je nachdem sie an den Meridian von Greenwich angeschlossen sind oder einen eigenen Landes-Meridian zugrunde legen.

Dritter Fundamentalkatalog

des

Berliner
Astronomischen Jahrbuchs

Reduktion des NFK auf den FK3 für 1925.0
und für 1934.5, 1935.5, 1936.5

Katalog für 1950.0

Vorbemerkung

Die nunmehr fertiggestellte Verbesserung des Fundamentalkatalogs von Auwers, der Dritte Fundamentalkatalog des Berliner Astronomischen Jahrbuchs (FK3), soll in Verbindung mit einer ausführlichen Einleitung und einem Vergleich mit verschiedenen anderen Fundamentalkatalogen in vollständiger Form für die Epochen 1925 und 1950 in möglichst naher Zukunft veröffentlicht werden. Ferner ist eine Erweiterung dieses Fundamentalkatalogs geplant (vgl. Seite A53 dieses Anhangs).

Um jedoch jetzt schon den FK3 in Gebrauch nehmen zu können, sind an dieser Stelle folgende Daten gegeben:

1. Die Reduktion der Örter und jährlichen Eigenbewegungen des NFK auf den FK3 (FK3 minus NFK) für die Epoche 1925.0.

2. Die Reduktion der Örter des NFK auf den FK3 für die Epochen 1934.5, 1935.5 und 1936.5. Diese Reduktionen können in der überwiegenden Zahl der Fälle für das ganze Jahr als konstant angenommen werden. Jedoch kann auch aus den vorliegenden Daten der Betrag der Korrektion für von der Jahresmitte abweichende Epochen genauer ermittelt werden. Die angegebenen Werte sollen dazu dienen, die Sternörter in den Jahrbüchern 1934, 1935 und 1936 auf den FK3 zu reduzieren.

3. Der definitive Katalog für die Epoche 1950.0. Neben dem Ort ist die hundertjährige Veränderung (das Hundertfache der Summe aus jährlicher Präzession und jährlicher Eigenbewegung), sowie die hundertjährige Änderung dieser Veränderung (das Hundertfache der var. saec.) gegeben. Falls dritte Glieder gebraucht werden, sind sie der Veröffentlichung des Astr. Recheninstituts Nr. 33 zu entnehmen. Die hundertjährige Eigenbewegung ist beigefügt; deren hundertjährige Änderung, die seltener gebraucht wird, wird an späterer Stelle mitgeteilt.

Die Reihenfolge der Angaben für die einzelnen Sterne ist die der ursprünglichen Numerierung. Die Sternnamen sind zum Teil geändert worden, teils wegen der neuen Festlegung der Grenzen der Sternbilder, teils um eine noch größere Gleichmäßigkeit der Benennung zu erreichen. Die kleinen lateinischen Buchstaben sind fast durchweg durch eine andere Bezeichnung ersetzt worden. Die alten Bezeichnungen des NFK sind in den Fußnoten beigefügt. Die Örter der durch *cg* bezeichneten Doppelsterne beziehen sich auf den Schwerpunkt. Die Reduktionen auf die Komponenten sind Seite A52 beigefügt. Sterne, die späterhin als Fundamentalsterne wegfallen sollen, sind durch † bezeichnet (vergl. AN **231**. 309).

Berlin-Dahlem, 1934 Februar.

A. Kopff.

Nr.	Name	1925.0 Δα (0.s001)	1925.0 Δδ (0.''01)	1925.0 Δμ (0.s00001)	1925.0 Δμ' (0.''0001)	1934.5 Δα (0.s001)	1934.5 Δδ (0.''01)	1935.5 Δα (0.s001)	1935.5 Δδ (0.''01)	1936.5 Δα (0.s001)	1936.5 Δδ (0.''01)
1	α Andr	− 55	+ 10	− 38	+ 25	− 59	+ 13	− 59	+ 13	− 59	+ 13
2	β Cass	− 63	+ 24	− 37	+ 21	− 66	+ 26	− 67	+ 26	− 67	+ 26
3	ε Phoe	+110	+107	+274	+222	+135	+128	+137	+131	+141	+133
4	22 Andr	− 76	+ 37	− 46	+ 61	− 80	+ 42	− 80	+ 43	− 82	+ 44
5	κ² Scul	− 20	+110	+ 44	+194	− 16	+129	− 16	+130	− 16	+133
6	ϑ Scul	+ 81	+ 75	+251	+121	+104	+ 87	+107	+ 89	+109	+ 89
7	γ Pegs	− 37	+ 44	+ 1	+ 75	− 37	+ 51	− 37	+ 52	− 37	+ 53
8	†Br 6 Ceph *m*	−138	+ 17	−252	+ 36	−166	+ 20	−169	+ 21	−171	+ 21
9	ι Ceti	− 28	+ 37	+ 23	+ 53	− 26	+ 42	− 25	+ 43	− 26	+ 44
10	ζ Tucn	+ 97	+ 87	+261	+188	+120	+105	+123	+107	+126	+109
11	β Hydi	+ 2	+ 46	+117	+102	+ 10	+ 56	+ 11	+ 58	+ 12	+ 59
12	α Phoe	+ 83	+121	+222	+251	+104	+145	+106	+147	+108	+150
13	12 Ceti	− 59	+ 33	− 13	+ 52	− 60	+ 38	− 60	+ 38	− 60	+ 39
14	49 G. Ceti	− 13	+ 72	+ 68	+125	− 7	+ 84	− 7	+ 85	− 6	+ 87
15	λ¹ Phoe	+ 88	+ 83	+231	+183	+110	+101	+111	+103	+114	+104
16	κ Cass	−121	+ 12	−158	+ 5	−137	+ 13	−139	+ 13	−140	+ 13
17	ζ Cass	− 86	+ 15	− 64	+ 14	− 92	+ 17	− 92	+ 17	− 93	+ 17
18	π Andr	− 71	0	− 52	− 2	− 76	0	− 76	0	− 77	0
19	ε Andr	− 63	+ 24	− 31	+ 43	− 66	+ 28	− 67	+ 28	− 66	+ 29
20	δ Andr	− 54	− 23	− 17	− 38	− 56	− 26	− 56	− 27	− 56	− 27
21	α Cass	− 45	+ 21	− 5	+ 17	− 46	+ 23	− 46	+ 23	− 46	+ 23
22	β Ceti	− 6	+ 15	+ 48	+ 12	− 2	+ 16	− 1	+ 17	− 1	+ 16
23	η Phoe	− 47	+141	− 10	+295	− 48	+169	− 48	+172	− 48	+174
24	21 Cass	+ 6	+ 19	+ 51	+ 34	+ 8	+ 22	+ 8	+ 22	+ 8	+ 23
25	o Cass	− 75	+ 29	− 44	+ 50	− 80	+ 33	− 80	+ 34	− 80	+ 35
26	λ² Scul	+ 94	+ 78	+238	+124	+117	+ 90	+119	+ 91	+121	+ 93
27	ζ Andr	− 41	+ 14	+ 4	+ 26	− 40	+ 16	− 40	+ 17	− 41	+ 18
28	δ Pisc	− 29	+ 9	+ 34	+ 10	− 26	+ 10	− 26	+ 10	− 25	+ 11
29	Br 82 Cass	−128	0	−202	− 19	−148	− 2	−150	− 1	−152	− 2
30	φ² Ceti[1])	− 33	+ 19	+ 23	+ 28	− 31	+ 22	− 31	+ 22	− 31	+ 22
31	λ Hydi	−259	+ 4	−408	+ 29	−297	+ 7	−302	+ 7	−306	+ 8
32	γ Cass	− 79	+ 26	− 87	+ 21	− 87	+ 28	− 89	+ 29	− 90	+ 29
33	μ Andr	− 53	+ 8	− 22	+ 13	− 55	+ 10	− 55	+ 10	− 56	+ 10
34	λ² Tucn	+242	+ 29	+532	+ 86	+292	+ 37	+296	+ 37	+302	+ 39
35	α Scul	+ 45	+ 78	+163	+124	+ 60	+ 91	+ 63	+ 92	+ 64	+ 93
36	ε Pisc	− 43	− 3	+ 9	− 9	− 42	− 3	− 42	− 3	− 42	− 3
37	26 Ceti	− 72	+ 24	− 23	+ 33	− 74	+ 28	− 75	+ 28	− 75	+ 28
38	†β Phoe *m*	+110	+123	+266	+246	+135	+146	+137	+149	+140	+151
39	ι Tucn	+ 2	+ 6	+ 79	+ 60	+ 9	+ 12	+ 9	+ 12	+ 11	+ 13
40	η Ceti	+ 17	+ 24	+ 98	+ 35	+ 27	+ 27	+ 28	+ 28	+ 29	+ 28

[1]) 19 Ceti

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
1	0 5 47.845	+310.215	+ 1.891	+ 1.029	+28 48 52.11	+1987.77	− 2.00	− 15.85
2	0 6 29.723	+320.349	+ 5.578	+ 6.751	+58 52 26.73	+1985.68	− 2.23	− 17.77
3	0 6 52.783	+304.435	− 2.810	+ 1.264	−46 1 23.30	+1986.35	− 2.19	− 17.01
4	0 7 42.736	+311.983	+ 3.389	+ 0.034	+45 47 38.85	+2003.42	− 2.38	+ 0.30
5	0 9 2.227	+304.599	− 1.325	+ 0.082	−28 4 41.14	+2005.22	− 2.60	+ 2.52
6	0 9 11.646	+304.804	− 1.846	+ 1.287	−35 24 45.88	+2016.24	− 2.64	+ 13.60
7	0 10 39.447	+308.987	+ 1.048	+ 0.007	+14 54 20.57	+2001.47	− 2.95	− 0.62
8	0 13 21.533	+340.613	+15.559	+ 0.426	+76 40 23.39	+2001.36	− 3.75	+ 0.51
9	0 16 52.783	+305.628	− 0.190	− 0.124	− 9 6 3.22	+1996.14	− 4.13	− 2.68
10	0 17 28.759	+312.420	− 6.355	+27.095	−65 10 6.39	+2115.71	− 4.32	+117.27
11	0 23 9.432	+315.256	−13.800	+68.904	−77 32 8.44	+2026.90	− 5.41	+ 32.87
12	0 23 49.036	+296.487	− 2.220	+ 1.896	−42 34 38.13	+1955.07	− 5.36	− 38.38
13	0 27 29.165	+306.206	+ 0.123	+ 0.062	− 4 13 59.88	+1989.56	− 6.19	− 0.30
14	0 27 52.742	+299.900	− 0.914	− 0.187	−24 3 50.45	+1991.62	− 6.15	+ 2.17
15	0 29 0.582	+289.321	− 2.659	+ 1.453	−49 4 47.06	+1991.25	− 6.20	+ 3.02
16	0 30 8.311	+341.164	+ 7.327	− 0.045	+62 39 22.23	+1987.30	− 7.37	+ 0.35
17	0 34 10.315	+334.441	+ 5.081	+ 0.170	+53 37 19.40	+1981.45	− 8.09	− 0.57
18	0 34 12.188	+320.564	+ 2.490	+ 0.115	+33 26 39.78	+1981.99	− 7.80	+ 0.01
19	0 35 54.414	+317.138	+ 2.112	− 1.765	+29 2 26.27	+1955.03	− 8.02	− 24.68
20	0 36 38.852	+320.943	+ 2.280	+ 1.040	+30 35 15.54	+1969.93	− 8.32	− 8.76
21	0 37 39.296	+340.647	+ 5.748	+ 0.596	+56 15 48.63	+1974.50	− 8.98	− 2.76
22	0 41 4.817	+301.116	− 0.512	+ 1.650	−18 15 38.60	+1976.12	− 8.70	+ 3.97
23	0 41 6.845	+269.600	− 3.080	+ 0.041	−57 44 12.92	+1974.23	− 7.85	+ 2.14
24	0 42 18.394	+396.544	+17.353	− 0.526	+74 42 54.70	+1968.25	−11.43	− 1.96
25	0 41 55.650	+334.507	+ 4.246	+ 0.172	+48 0 39.99	+1970.49	− 9.72	− 0.32
26	0 41 47.198	+289.931	− 1.656	+ 2.012	−38 41 48.38	+1983.71	− 8.55	+ 12.68
27	0 44 40.964	+318.102	+ 1.821	− 0.748	+23 59 44.01	+1958.69	− 9.80	− 7.60
28	0 46 5.110	+311.306	+ 0.823	+ 0.554	+ 7 18 47.95	+1959.40	− 9.91	− 4.47
29	0 47 40.267	+364.233	+ 8.624	+ 0.393	+63 58 32.89	+1960.41	−11.81	− 0.64
30	0 47 37.282	+300.446	− 0.094	− 1.566	−10 54 47.47	+1939.18	− 9.82	− 21.97
31	0 46 51.756	+208.212	− 3.449	+ 3.541	−75 11 43.32	+1960.12	− 7.10	− 2.39
32	0 53 40.299	+362.294	+ 7.411	+ 0.283	+60 26 47.35	+1949.35	−13.10	− 0.20
33	0 53 58.157	+333.156	+ 3.144	+ 1.272	+38 13 43.01	+1952.66	−12.20	+ 3.72
34	0 53 8.647	+224.081	− 3.117	+ 0.201	−69 47 49.79	+1946.97	− 8.34	− 3.64
35	0 56 11.868	+288.996	− 0.951	+ 0.116	−29 37 38.25	+1945.03	−11.06	+ 0.73
36	1 0 20.699	+311.436	+ 0.908	− 0.544	+ 7 37 17.08	+1938.14	−12.62	+ 2.96
37	1 1 14.462	+308.787	+ 0.571	+ 0.783	+ 1 5 57.42	+1929.54	−12.74	− 3.59
38	1 3 51.344	+267.644	− 1.736	− 0.294	−46 59 9.52	+1927.88	−11.54	+ 0.91
39	1 5 20.120	+237.607	− 2.383	+ 1.078	−62 2 30.83	+1923.55	−10.60	+ 0.19
40	1 6 4.425	+301.794	+ 0.029	+ 1.472	−10 26 48.33	+1908.71	−13.38	− 12.83

Definitive Verbesserungen des NFK

Nr.	Name	1925.0 Δα (0.s001)	1925.0 Δδ (0."01)	1925.0 Δμ (0.s00001)	1925.0 Δμ′ (0."0001)	1934.5 Δα (0.s001)	1934.5 Δδ (0."01)	1935.5 Δα (0.s001)	1935.5 Δδ (0."01)	1936.5 Δα (0.s001)	1936.5 Δδ (0."01)
41	44 H. Ceph	− 67	− 33	−112	− 67	− 88	− 38	− 89	− 39	− 90	− 39
42	β Andr	− 59	+ 6	− 51	+ 10	− 64	+ 7	− 65	+ 7	− 65	+ 8
43	τ Pisc	− 62	+ 50	− 27	+ 98	− 64	+ 59	− 65	+ 60	− 65	+ 61
44	102 G. Scul	+117	+ 25	+299	+ 28	+146	+ 28	+149	+ 28	+151	+ 28
45	υ Pisc	− 38	+ 12	+ 16	+ 19	− 37	+ 14	− 37	+ 15	− 36	+ 14
46	ψ Cass	− 77	− 7	− 96	− 20	− 88	− 8	− 89	− 8	− 90	− 9
47	ϑ Ceti	− 33	− 3	+ 15	− 15	− 32	− 4	− 32	− 4	− 32	− 4
48	δ Cass	− 76	− 3	− 35	− 22	− 79	− 5	− 80	− 4	− 80	− 5
49	γ Phoe	+ 79	+ 89	+220	+198	+100	+107	+102	+110	+104	+112
50	η Pisc	− 29	+ 25	+ 26	+ 42	− 27	+ 30	− 26	+ 30	− 26	+ 30
51	40 Cass	−102	− 20	−166	− 42	−121	− 23	−123	− 24	−124	− 23
52	51 Andr[1])	− 41	+ 29	+ 24	+ 47	− 40	+ 33	− 39	+ 34	− 38	+ 35
53	14 G. Hydi	− 38	+ 40	− 35	+101	− 38	+ 50	− 38	+ 51	− 39	+ 52
54	α Erid	− 34	+ 52	+ 53	+149	− 30	+ 67	− 28	+ 68	− 28	+ 69
55	43 Cass	− 40	− 1	− 21	− 16	− 43	− 2	− 43	− 2	− 43	− 2
56	ν Pisc	− 52	+ 34	− 1	+ 51	− 52	+ 39	− 52	+ 40	− 52	+ 40
57	φ Pers	− 60	+ 26	− 7	+ 34	− 61	+ 30	− 61	+ 30	− 61	+ 31
58	129 G. Scul	+ 45	+ 32	+186	+ 43	+ 63	+ 36	+ 64	+ 37	+ 67	+ 36
59	τ Ceti	− 35	+ 39	+ 17	+ 52	− 34	+ 44	− 34	+ 45	− 33	+ 45
60	ο Pisc	− 40	+ 27	+ 15	+ 40	− 38	+ 31	− 38	+ 32	− 38	+ 31
61	ε Scul	+ 44	+137	+182	+232	+ 62	+159	+ 63	+161	+ 66	+164
62	ζ Ceti	− 31	+ 17	+ 27	+ 14	− 29	+ 18	− 28	+ 18	− 28	+ 19
63	ε Cass	− 84	+ 3	−100	− 19	− 95	+ 2	− 96	+ 2	− 97	+ 1
64	α Tria	− 59	+ 14	− 34	+ 23	− 62	+ 17	− 63	+ 17	− 63	+ 17
65	ξ Pisc	− 45	+ 58	+ 6	+ 89	− 44	+ 67	− 44	+ 67	− 45	+ 68
66	β Aris	− 21	+ 9	+ 27	+ 13	− 19	+ 10	− 18	+ 10	− 18	+ 11
67	ψ Phoe	+ 24	+ 99	+124	+221	+ 36	+120	+ 38	+122	+ 39	+124
68	χ Erid	+ 89	+142	+232	+317	+111	+173	+113	+176	+115	+179
69	η^2 Hydi	+ 12	+ 21	+ 89	+ 78	+ 20	+ 28	+ 21	+ 28	+ 21	+ 30
70	50 Cass	− 90	+ 24	−127	+ 33	−105	+ 27	−106	+ 29	−108	+ 28
71	υ Ceti	− 30	+ 9	+ 26	− 17	− 28	+ 8	− 28	+ 8	− 27	+ 7
72	α Hydi	+ 50	+ 76	+151	+191	+ 64	+ 94	+ 66	+ 96	+ 68	+ 98
73	γ Andr *pr*	− 38	+ 46	+ 10	+ 68	− 37	+ 52	− 37	+ 53	− 37	+ 54
74	α Aris	− 27	− 6	+ 6	− 3	− 27	− 6	− 27	− 6	− 26	− 6
75	β Tria	− 52	+ 13	− 28	+ 20	− 54	+ 16	− 55	+ 15	− 56	+ 16
76	55 Cass	− 88	− 6	−121	− 25	−101	− 7	−102	− 7	−104	− 8
77	Br 299 Andr[2])	− 76	+ 30	− 21	+ 41	− 78	+ 34	− 79	+ 34	− 78	+ 34
78	μ Forn	− 38	+ 58	+ 9	+102	− 37	+ 68	− 37	+ 70	− 37	+ 70
79	γ Tria	− 56	0	− 23	− 2	− 58	0	− 58	0	− 59	+ 1
80	67 Ceti	− 24	+ 30	+ 56	+ 44	− 19	+ 34	− 18	+ 34	− 18	+ 35

[1]) *υ* Pers [2]) 6 Pers

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
41	1 7 52.284	+519.126	+36.791	+ 3.261	+79 24 31.16	+1917.21	−23.05	+ 0.20
42	1 6 55.465	+336.080	+ 2.935	+ 1.462	+35 21 21.62	+1908.25	−14.99	−11.17
43	1 8 53.964	+330.539	+ 2.424	+ 0.530	+29 49 29.07	+1911.20	−15.11	− 3.17
44	1 10 27.301	+276.284	− 1.210	+ 0.685	−38 7 15.48	+1907.85	−13.03	− 2.45
45	1 16 42.694	+329.857	+ 2.227	+ 0.163	+27 0 6.63	+1892.14	−16.61	− 0.89
46	1 22 22.203	+424.148	+12.674	+ 1.259	+67 52 11.58	+1879.23	−22.62	+ 3.03
47	1 21 31.367	+299.882	+ 0.208	− 0.540	− 8 26 27.05	+1857.24	−15.99	−21.55
48	1 22 31.485	+392.756	+ 8.096	+ 3.962	+59 58 34.31	+1871.13	−21.18	− 4.59
49	1 26 11.756	+260.471	− 1.205	− 0.163	−43 34 25.59	+1844.37	−14.73	−19.80
50	1 28 48.193	+321.118	+ 1.446	+ 0.179	+15 5 19.25	+1855.37	−18.48	− 0.30
51	1 34 28.413	+479.752	+19.325	− 0.364	+72 47 10.43	+1835.35	−28.78	− 1.02
52	1 34 54.634	+368.494	+ 4.927	+ 0.660	+48 22 32.67	+1823.98	−22.43	−10.86
53	1 33 17.949	+ 40.409	+10.780	− 0.745	−78 45 29.99	+1828.69	− 3.07	−11.77
54	1 35 51.289	+223.438	− 1.244	+ 1.265	−57 29 24.64	+1829.18	−14.08	− 2.32
55	1 38 36.363	+444.697	+13.210	+ 0.865	+67 47 28.30	+1821.26	−27.86	− 0.33
56	1 38 49.553	+312.278	+ 0.934	− 0.166	+ 5 14 7.10	+1821.46	−19.79	+ 0.67
57	1 40 30.746	+376.261	+ 5.395	+ 0.256	+50 26 15.90	+1813.45	−24.08	− 1.12
58	1 39 50.724	+264.318	− 0.775	− 0.389	−37 5 2.35	+1815.17	−17.01	− 1.87
59	1 41 44.663	+278.737	+ 0.114	−11.917	−16 12 0.48	+1895.89	−17.43	+85.92
60	1 42 44.971	+316.885	+ 1.141	+ 0.482	+ 8 54 24.73	+1811.58	−20.82	+ 5.40
61	1 43 18.251	+280.982	− 0.350	+ 1.172	−25 18 6.43	+1798.89	−18.68	− 5.19
62	1 48 59.446	+296.147	+ 0.258	+ 0.248	−10 34 52.71	+1778.60	−20.53	− 3.25
63	1 50 46.335	+431.867	+10.231	+ 0.401	+63 25 29.84	+1772.98	−30.03	− 1.69
64	1 50 13.439	+342.143	+ 2.511	+ 0.077	+29 20 10.08	+1753.83	−23.84	−23.06
65	1 50 57.838	+310.662	+ 0.860	+ 0.139	+ 2 56 29.44	+1776.70	−21.84	+ 2.81
66	1 51 52.339	+331.518	+ 1.851	+ 0.682	+20 33 52.03	+1759.42	−23.46	−10.76
67	1 51 38.576	+240.489	− 0.833	− 0.820	−46 32 48.79	+1763.22	−17.10	− 7.90
68	1 54 0.821	+233.469	− 0.924	+ 7.337	−51 51 25.64	+1791.40	−17.47	+30.08
69	1 53 39.912	+152.072	+ 0.901	+ 1.279	−67 53 33.89	+1771.47	−11.39	+ 8.70
70	1 59 7.092	+512.744	+19.520	− 1.041	+72 10 50.82	+1742.40	−37.78	+ 2.82
71	1 57 38.902	+282.651	− 0.101	+ 0.933	−21 19 9.51	+1744.35	−21.04	− 1.58
72	1 57 11.685	+189.063	− 0.316	+ 3.747	−61 48 45.07	+1751.83	−14.49	+ 3.96
73	2 0 49.189	+368.484	+ 3.978	+ 0.437	+42 5 27.06	+1727.44	−27.79	− 4.70
74	2 4 20.917	+338.314	+ 2.055	+ 1.379	+23 13 37.03	+1702.05	−26.30	−14.37
75	2 6 33.577	+357.150	+ 3.077	+ 1.194	+34 45 6.49	+1702.52	−28.13	− 3.83
76	2 10 31.693	+471.174	+12.539	− 0.226	+66 17 29.33	+1687.90	−37.73	+ 0.01
77	2 10 15.918	+399.282	+ 5.647	+ 3.659	+50 50 5.10	+1672.55	−32.34	−16.57
78	2 10 42.367	+264.194	− 0.289	+ 0.140	−30 57 27.23	+1688.26	−21.52	+ 1.21
79	2 14 20.001	+356.813	+ 2.946	+ 0.349	+33 37 1.55	+1665.29	−29.51	− 4.42
80	2 14 29.250	+299.301	+ 0.506	+ 0.602	− 6 39 6.03	+1658.43	−24.90	−10.53

Nr.	Name	1925.0 Δα (0ˢ.001)	1925.0 Δδ (0″.01)	1925.0 Δμ (0ˢ.00001)	1925.0 Δμ′ (0″.0001)	1934.5 Δα (0ˢ.001)	1934.5 Δδ (0″.01)	1935.5 Δα (0ˢ.001)	1935.5 Δδ (0″.01)	1936.5 Δα (0ˢ.001)	1936.5 Δδ (0″.01)
81	ϑ Aris	− 51	+ 27	+ 4	+ 41	− 51	+ 31	− 50	+ 32	− 51	+ 32
82	φ Erid	+ 37	+ 83	+167	+200	+ 53	+102	+ 55	+104	+ 57	+106
83	κ Forn	− 25	+ 48	+ 51	+ 84	− 21	+ 55	− 20	+ 56	− 20	+ 58
84	λ Horo	− 44	+ 28	− 3	+124	− 44	+ 40	− 44	+ 42	− 44	+ 43
85	ξ² Ceti	− 53	+ 16	− 8	+ 18	− 53	+ 18	− 54	+ 18	− 54	+ 18
86	κ Erid	+ 74	+ 91	+226	+215	+ 95	+111	+ 98	+113	+100	+116
87	36 H. Cass	−128	+ 15	−201	+ 15	−148	+ 18	−151	+ 18	−153	+ 17
88	λ¹ Forn	+ 66	+ 77	+237	+154	+ 88	+ 92	+ 91	+ 93	+ 93	+ 95
89	ν Aris	− 52	+ 17	− 1	+ 28	− 52	+ 20	− 52	+ 21	− 52	+ 21
90	μ Hydi	− 60	− 23	− 72	− 22	− 62	− 24	− 63	− 25	− 63	− 25
91	δ Ceti	− 48	+ 33	0	+ 53	− 48	+ 38	− 48	+ 39	− 48	+ 39
92	Br 366 Cass	− 41	+ 7	− 22	+ 1	− 44	+ 8	− 44	+ 7	− 44	+ 6
93	ϑ Pers	− 69	+ 37	− 23	+ 57	− 71	+ 43	− 72	+ 44	− 72	+ 44
94	35 Aris	− 41	+ 12	+ 13	+ 21	− 40	+ 14	− 40	+ 14	− 39	+ 14
95	ε Hydi	− 17	+ 38	+ 28	+112	− 14	+ 50	− 14	+ 51	− 14	+ 52
96	†γ Ceti	− 23	+ 12	+ 29	+ 14	− 21	+ 14	− 20	+ 14	− 20	+ 14
97	π Ceti	− 37	− 4	+ 19	− 17	− 36	− 5	− 36	− 5	− 35	− 6
98	μ Ceti	− 39	+ 11	+ 12	+ 16	− 38	+ 13	− 38	+ 12	− 38	+ 13
99	η Pers	− 91	+ 18	− 56	+ 7	− 96	+ 20	− 97	+ 19	− 97	+ 20
100	41 Aris	− 52	+ 2	− 18	+ 1	− 54	+ 2	− 54	+ 3	− 54	+ 3
101	β Forn	0	+ 34	+ 93	+ 49	+ 8	+ 38	+ 9	+ 39	+ 10	+ 40
102	τ² Erid	− 38	+ 73	+ 28	+109	− 36	+ 84	− 36	+ 86	− 35	+ 87
103	τ Pers	− 58	+ 4	− 1	− 7	− 58	+ 4	− 58	+ 4	− 58	+ 3
104	η Erid	− 40	+ 30	+ 17	+ 43	− 38	+ 34	− 39	+ 34	− 38	+ 34
105	47 H. Ceph	−123	− 52	−238	−108	−150	− 61	−153	− 62	−156	− 63
106	ϑ Erid *pr*	+ 77	+ 1	+211	− 17	+ 97	0	+ 99	0	+101	− 1
107	α Ceti	− 21	+ 23	+ 28	+ 32	− 18	+ 26	− 18	+ 27	− 18	+ 26
108	γ Pers	− 57	+ 18	− 4	+ 15	− 57	+ 19	− 57	+ 20	− 58	+ 21
109	ρ Pers	− 58	+ 2	− 34	− 3	− 61	+ 2	− 62	+ 2	− 62	+ 2
110	μ Horo	+ 65	+ 57	+162	+154	+ 80	+ 72	+ 82	+ 73	+ 84	+ 75
111	β Pers	− 49	+ 22	− 9	+ 39	− 49	+ 26	− 50	+ 27	− 50	+ 27
112	ι Pers	− 66	+ 56	− 11	+ 95	− 66	+ 65	− 67	+ 66	− 68	+ 66
113	ϑ Hydi	+ 54	− 19	+140	+ 10	+ 68	− 18	+ 69	− 18	+ 71	− 18
114	δ Aris	− 39	+ 1	+ 12	− 4	− 38	+ 1	− 38	+ 1	− 37	+ 1
115	48 H. Ceph	+ 51	− 49	+134	−103	+ 62	− 58	+ 63	− 59	+ 65	− 59
116	94 Ceti	− 87	+ 20	− 51	+ 29	− 92	+ 23	− 92	+ 23	− 93	+ 24
117	†α Forn[1]	+ 17	+ 26	+119	+ 30	+ 28	+ 28	+ 30	+ 29	+ 31	+ 30
118	38 G. Horo	+ 53	+100	+160	+235	+ 69	+122	+ 71	+125	+ 72	+127
119	82 G. Erid[2]	− 36	+123	+ 19	+266	− 34	+148	− 34	+151	− 33	+153
120	α Pers	− 42	+ 28	+ 7	+ 42	− 41	+ 32	− 41	+ 33	− 41	+ 33

[1]) 12 Erid [2]) e Erid

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
81	2 15 20.325	+333.832	+ 1.815	− 0.091	+19 40 15.16	+1665.09	−27.79	+ 0.25
82	2 14 43.390	+214.333	− 0.422	+ 0.977	−51 44 34.50	+1666.21	−18.11	− 1.61
83	2 20 15.251	+274.549	− 0.051	+ 1.467	−24 2 33.69	+1635.04	−23.80	− 5.47
84	2 23 29.922	+167.778	+ 0.429	− 0.953	−60 32 6.74	+1611.58	−14.94	−12.47
85	2 25 29.789	+319.048	+ 1.175	+ 0.250	+ 8 14 13.20	+1613.51	−28.29	− 0.25
86	2 25 9.151	+219.929	− 0.308	+ 0.207	−47 55 39.09	+1615.40	−19.68	− 0.13
87	2 33 13.708	+570.848	+21.028	− 0.802	+72 36 5.55	+1575.04	−52.17	+ 2.30
88	2 31 1.884	+250.126	− 0.196	− 0.190	−34 52 8.74	+1582.91	−22.98	− 1.67
89	2 35 58.259	+340.774	+ 1.933	− 0.089	+21 44 46.93	+1556.47	−31.91	− 1.29
90	2 32 40.900	−126.275	+23.614	+ 4.581	−79 19 39.90	+1572.08	+10.30	− 3.62
91	2 36 54.985	+307.561	+ 0.829	+ 0.066	+ 0 6 50.12	+1552.86	−29.02	+ 0.32
92	2 40 29.505	+516.613	+13.815	+ 0.230	+67 36 50.35	+1529.71	−49.20	− 2.88
93	2 40 46.282	+410.032	+ 5.149	+ 3.442	+49 1 6.41	+1522.65	−39.56	− 8.36
94	2 40 30.650	+352.202	+ 2.341	+ 0.054	+27 29 44.39	+1532.00	−33.74	− 0.48
95	2 38 48.808	+ 92.555	+ 3.243	+ 1.704	−68 28 50.57	+1543.56	− 9.43	+ 1.56
96	2 40 42.400	+310.930	+ 0.935	− 0.954	+ 3 1 34.12	+1516.71	−29.79	−14.66
97	2 41 44.472	+285.545	+ 0.347	− 0.063	−14 4 10.07	+1524.45	−27.63	− 1.07
98	2 42 14.099	+324.394	+ 1.258	+ 1.897	+ 9 54 14.97	+1519.72	−31.57	− 3.00
99	2 47 1.926	+437.947	+ 6.812	+ 0.220	+55 41 22.51	+1494.10	−43.17	− 1.01
100	2 47 2.034	+353.268	+ 2.278	+ 0.490	+27 3 20.47	+1483.77	−34.98	−11.32
101	2 46 59.845	+251.115	− 0.029	+ 0.721	−32 36 53.80	+1511.65	−25.08	+16.34
102	2 48 46.153	+272.141	+ 0.183	− 0.362	−21 12 33.01	+1483.10	−27.23	− 1.84
103	2 50 41.865	+425.643	+ 5.857	+ 0.029	+52 33 33.85	+1473.34	−42.68	− 0.22
104	2 53 58.960	+293.134	+ 0.506	+ 0.531	− 9 5 45.74	+1432.54	−30.08	−21.40
105	2 59 21.175	+800.964	+47.520	− 1.378	+79 13 26.35	+1422.33	−82.78	+ 1.12
106	2 56 21.869	+227.448	− 0.007	− 0.463	−40 30 14.88	+1442.15	−23.63	+ 2.62
107	2 59 39.751	+313.687	+ 0.975	− 0.063	+ 3 53 41.18	+1411.98	−32.87	− 7.33
108	3 1 9.593	+434.796	+ 5.939	+ 0.015	+53 18 44.27	+1409.78	−45.64	− 0.25
109	3 1 57.796	+384.633	+ 3.304	+ 1.109	+38 38 52.77	+1394.63	−40.70	−10.40
110	3 2 25.911	+141.400	+ 1.174	− 1.011	−59 55 51.64	+1396.89	−15.22	− 5.21
111	3 4 54.369	+390.566	+ 3.546	+ 0.062	+40 45 52.48	+1386.83	−41.70	+ 0.27
112	3 5 26.711	+433.217	+ 5.146	+12.972	+49 25 26.72	+1375.46	−47.75	− 7.69
113	3 2 8.301	+ 12.779	+ 6.923	+ 0.647	−72 5 51.48	+1406.24	− 1.98	+ 2.30
114	3 8 45.884	+343.184	+ 1.706	+ 1.070	+19 32 20.31	+1361.54	−37.39	− 0.46
115	3 13 53.931	+762.539	+36.066	+ 1.962	+77 33 14.67	+1323.24	−83.99	− 5.48
116	3 10 13.160	+306.261	+ 0.780	+ 1.312	− 1 22 54.66	+1346.75	−33.66	− 5.90
117	3 9 56.747	+254.857	+ 0.195	+ 2.537	−29 10 59.31	+1419.03	−28.23	+64.62
118	3 11 16.930	+151.963	+ 0.939	+ 0.109	−57 30 29.19	+1347.50	−17.00	+ 1.73
119	3 17 55.843	+239.591	− 0.032	+27.851	−43 15 35.49	+1377.32	−29.76	+75.20
120	3 20 44.453	+428.581	+ 4.799	+ 0.297	+49 41 6.01	+1281.15	−48.56	− 2.19

Definitive Verbesserungen des NFK

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα (0.s001)	Δδ (0."01)	Δμ (0.s00001)	Δμ' (0."0001)	Δα (0.s001)	Δδ (0."01)	Δα (0.s001)	Δδ (0."01)	Δα (0.s001)	Δδ (0."01)
121	ο Taur	− 50	+31	− 9	+ 48	− 51	+ 35	− 51	+ 36	− 52	+ 36
122	2 H. Caml	− 71	−29	− 10	− 69	− 71	− 35	− 72	− 36	− 72	− 36
123	ξ Taur	− 43	+84	+ 3	+132	− 43	+ 97	− 43	+ 99	− 43	+100
124	σ Pers	− 69	+ 6	− 17	+ 12	− 70	+ 7	− 71	+ 8	− 71	+ 8
125	5 Taur[1])	− 38	+49	+ 24	+ 85	− 36	+ 57	− 35	+ 57	− 36	+ 58
126	κ Reti	+145	+84	+346	+213	+178	+104	+182	+106	+184	+109
127	ε Erid	− 62	+43	− 24	+ 62	− 64	+ 49	− 65	+ 49	− 65	+ 50
128	45 G. Horo	+107	+13	+265	+ 68	+132	+ 19	+134	+ 20	+137	+ 21
129	Grb 716 Caml	− 73	−18	− 66	− 54	− 79	− 23	− 79	− 23	− 80	− 23
130	110 G. Erid[2])	− 35	+19	+ 32	+ 12	− 32	+ 20	− 32	+ 20	− 32	+ 20
131	δ Pers	− 61	+19	− 19	+ 31	− 62	+ 22	− 63	+ 23	− 63	+ 23
132	†ο Pers	− 53	+46	− 13	+ 76	− 54	+ 53	− 54	+ 53	− 54	+ 54
133	δ Forn	− 36	+67	+ 50	+117	− 31	+ 78	− 31	+ 80	− 30	+ 81
134	ν Pers	− 62	+31	− 20	+ 49	− 63	+ 36	− 64	+ 37	− 64	+ 36
135	δ Erid	− 48	+ 3	+ 3	− 8	− 48	+ 2	− 48	+ 2	− 48	+ 2
136	17 Taur	− 56	+14	− 19	+ 23	− 57	+ 16	− 58	+ 17	− 58	+ 17
137	24 Erid	− 61	+34	− 9	+ 50	− 62	+ 39	− 62	+ 40	− 62	+ 40
138	γ Caml[3])	− 52	+13	− 37	+ 17	− 55	+ 16	− 55	+ 16	− 55	+ 16
139	η Taur	− 54	+24	− 24	+ 38	− 56	+ 28	− 57	+ 29	− 57	+ 29
140	τ⁶ Erid	− 9	−12	+ 79	− 47	− 2	− 16	− 1	− 16	0	− 17
141	β Reti	− 10	+98	+ 44	+222	− 5	+119	− 5	+122	− 4	+124
142	27 Taur	− 47	+15	− 5	+ 23	− 48	+ 18	− 48	+ 18	− 48	+ 18
143	138 G. Erid[4])	− 65	+50	− 38	+ 81	− 69	+ 57	− 69	+ 58	− 69	+ 59
144	ζ Pers	− 62	+ 9	− 44	+ 15	− 66	+ 11	− 66	+ 11	− 66	+ 11
145	†9 H. Caml	− 54	+41	− 27	+ 48	− 56	+ 46	− 56	+ 46	− 55	+ 47
146	γ Hydi	+ 1	+46	+ 48	+109	+ 7	+ 57	+ 7	+ 58	+ 7	+ 59
147	ε Pers	− 62	+20	− 45	+ 32	− 66	+ 23	− 66	+ 23	− 67	+ 24
148	ξ Pers	− 77	+46	− 55	+ 77	− 82	+ 53	− 82	+ 54	− 83	+ 55
149	γ Erid	− 39	+35	+ 13	+ 42	− 38	+ 38	− 38	+ 40	− 38	+ 40
150	λ Taur	− 39	+12	+ 6	+ 27	− 39	+ 15	− 39	+ 15	− 38	+ 15
151	ν Taur	− 67	+59	− 36	+111	− 70	+ 70	− 70	+ 72	− 71	+ 72
152	48 Pers[5])	−101	+31	− 86	+ 52	−108	+ 36	−109	+ 37	−110	+ 37
153	174 G. Erid	− 32	+ 4	+ 48	− 22	− 27	+ 2	− 27	+ 2	− 26	+ 2
154	ο¹ Erid	− 64	+30	− 20	+ 38	− 66	+ 34	− 66	+ 34	− 66	+ 34
155	α Horo	+ 29	+80	+126	+152	+ 42	+ 95	+ 43	+ 96	+ 43	+ 98
156	α Reti	+ 20	− 1	+110	+ 62	+ 30	+ 4	+ 32	+ 5	+ 34	+ 5
157	γ Dora	+ 59	+91	+184	+209	+ 76	+111	+ 79	+112	+ 81	+115
158	54 Pers	− 57	+ 1	− 9	− 2	− 58	+ 1	− 58	+ 1	− 58	+ 1
159	γ Taur	− 49	+38	− 3	+ 65	− 49	+ 44	− 49	+ 45	− 50	+ 45
160	†υ⁴ Erid *m*	+ 16	+64	+114	+ 94	+ 27	+ 72	+ 29	+ 73	+ 30	+ 74

[1]) f Taur [2]) y Erid [3]) 5 H. Caml [4]) g Erid [5]) c Pers

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
121	3 22 7.125	+322.945	+ 1.134	−0.450	+ 8 51 15.44	+1266.95	−36.83	− 7.12
122	3 25 0.047	+486.126	+ 7.683	−0.016	+59 46 5.09	+1254.47	−55.79	− 0.04
123	3 24 27.328	+325.237	+ 1.164	+0.394	+ 9 33 35.30	+1255.05	−37.48	− 3.17
124	3 27 2.286	+423.242	+ 4.353	+0.077	+47 49 27.92	+1243.00	−48.99	+ 2.44
125	3 28 6.512	+331.344	+ 1.287	+0.151	+12 46 0.30	+1233.51	−38.61	+ 0.32
126	3 28 29.903	+104.808	+ 2.240	+5.494	−63 6 47.71	+1268.59	−13.20	+38.08
127	3 30 34.358	+282.715	+ 0.564	−6.598	− 9 37 34.75	+1218.22	−32.51	+ 2.08
128	3 31 5.094	+178.798	+ 0.530	+0.751	−50 32 51.09	+1221.28	−21.35	+ 8.71
129	3 37 47.668	+520.934	+ 8.883	−0.274	+63 3 24.73	+1167.05	−62.24	+ 1.71
130	3 35 17.906	+215.278	+ 0.238	−0.132	−40 26 15.64	+1180.74	−25.81	− 2.30
131	3 39 21.250	+427.391	+ 4.097	+0.311	+47 37 46.33	+1150.99	−51.46	− 3.23
132	3 41 10.601	+376.385	+ 2.311	+0.068	+32 7 53.44	+1140.22	−45.60	− 0.93
133	3 40 15.479	+238.626	+ 0.233	+0.004	−32 5 49.23	+1149.65	−29.00	+ 1.90
134	3 41 47.296	+407.809	+ 3.310	−0.084	+42 25 20.60	+1136.75	−49.43	0.00
135	3 40 51.049	+287.484	+ 0.625	−0.629	− 9 55 53.10	+1218.13	−34.82	+74.64
136	3 41 54.060	+356.390	+ 1.758	+0.147	+23 57 27.82	+1131.80	−43.30	− 4.13
137	3 41 57.948	+304.793	+ 0.755	+0.002	− 1 19 10.13	+1135.13	−37.09	− 0.34
138	3 45 2.585	+633.742	+15.812	+0.379	+71 10 51.58	+1109.35	−77.34	− 3.84
139	3 44 30.426	+356.759	+ 1.737	+0.150	+23 57 7.51	+1112.71	−43.67	− 4.38
140	3 44 41.719	+258.141	+ 0.251	−1.161	−23 23 46.47	+1063.37	−31.59	−52.36
141	3 43 33.911	+ 75.277	+ 2.767	+4.810	−64 57 49.94	+1132.14	−10.13	+ 8.23
142	3 46 11.032	+356.866	+ 1.719	+0.132	+23 54 7.63	+1100.62	−43.88	− 4.26
143	3 47 34.888	+224.522	+ 0.254	−0.434	−36 21 2.02	+1090.32	−27.84	− 4.35
144	3 50 58.970	+377.283	+ 2.175	+0.067	+31 44 12.51	+1068.67	−46.97	− 0.96
145	3 52 51.356	+511.874	+ 7.280	−0.055	+60 57 52.98	+1054.58	−63.87	− 1.16
146	3 47 59.487	− 92.521	+10.458	+1.299	−74 23 33.39	+1103.63	+10.69	+11.97
147	3 54 29.445	+402.780	+ 2.823	+0.181	+39 52 2.44	+1040.94	−50.59	− 2.63
148	3 55 42.834	+389.456	+ 2.421	+0.045	+35 38 56.40	+1034.34	−49.07	− 0.07
149	3 55 41.686	+279.972	+ 0.452	+0.435	−13 38 58.12	+1023.78	−35.44	−10.77
150	3 57 54.384	+332.489	+ 1.128	−0.040	+12 21 1.97	+1016.86	−42.17	− 1.08
151	4 0 29.584	+319.211	+ 0.907	+0.009	+ 5 51 7.50	+ 998.50	−40.78	+ 0.11
152	4 5 1.318	+435.782	+ 3.558	+0.242	+47 34 51.79	+ 961.13	−56.13	− 2.73
153	4 3 33.701	+247.340	+ 0.313	+1.530	−27 47 14.65	+ 985.54	−32.11	+10.50
154	4 9 25.347	+292.921	+ 0.582	+0.057	− 6 57 59.62	+ 938.50	−38.23	+ 8.56
155	4 12 20.565	+198.792	+ 0.351	+0.322	−42 25 0.06	+ 886.84	−26.26	−20.40
156	4 13 46.525	+ 77.374	+ 2.111	+0.610	−62 35 54.87	+ 901.34	−10.55	+ 5.29
157	4 14 42.839	+157.233	+ 0.785	+1.075	−51 36 42.82	+ 907.92	−21.06	+19.22
158	4 17 9.469	+389.702	+ 2.023	−0.204	+34 26 52.16	+ 868.87	−51.52	− 0.62
159	4 16 56.657	+341.531	+ 1.118	+0.813	+15 30 30.60	+ 868.91	−45.31	− 2.27
160	4 16 0.032	+227.052	+ 0.311	+0.484	−33 55 9.45	+ 878.30	−30.18	− 0.31

Definitive Verbesserungen des NFK

Nr.	Name	1925.0 Δα (0.s001)	1925.0 Δδ (0."01)	1925.0 Δμ (0.s00001)	1925.0 Δμ' (0."0001)	1934.5 Δα (0.s001)	1934.5 Δδ (0."01)	1935.5 Δα (0.s001)	1935.5 Δδ (0."01)	1936.5 Δα (0.s001)	1936.5 Δδ (0."01)
161	212 G. Erid	−116	−75	−166	−236	−132	−97	−134	−99	−136	−102
162	δ Taur	− 56	+24	− 16	+ 40	− 57	+27	− 58	+29	− 57	+ 28
163	η Reti	− 46	+63	+ 5	+152	− 45	+77	− 46	+80	− 45	+ 81
164	ε Taur	− 70	+ 8	− 37	+ 13	− 74	+ 9	− 73	+10	− 74	+ 10
165	1 Caml *sq*	−104	+ 4	− 71	− 8	−110	+ 4	−110	+ 3	−112	+ 4
166	δ Mens	+103	−20	+275	− 19	+128	−22	+131	−21	+133	− 21
167	δ Cael	− 5	+77	+ 70	+182	+ 1	+94	+ 2	+96	+ 3	+ 99
168	α Taur	− 37	+ 1	− 16	+ 9	− 38	+ 2	− 38	+ 2	− 38	+ 2
169	ν Erid	− 58	+21	− 8	+ 23	− 58	+23	− 59	+23	− 58	+ 24
170	υ² Erid	− 16	−26	+ 71	− 45	− 10	−30	− 9	−31	− 8	− 31
171	α Dora	−148	−28	−137	+ 14	−162	−26	−163	−27	−164	− 26
172	53 Erid	− 16	+39	+ 68	+ 37	− 10	+42	− 10	+42	− 9	+ 43
173	Grb 848 Caml	− 43	+ 4	+ 2	− 5	− 39	+ 5	− 38	+ 4	− 38	+ 4
174	τ Taur	− 82	+26	− 63	+ 43	− 88	+30	− 88	+31	− 89	+ 31
175	4 Caml	− 41	+18	+ 52	+ 12	− 36	+19	− 35	+20	− 34	+ 20
176	μ Erid	− 78	+19	− 43	+ 21	− 82	+21	− 82	+22	− 83	+ 21
177	μ Mens	− 48	+ 8	+ 26	+ 53	− 46	+13	− 45	+14	− 45	+ 14
178	α Caml[1])	− 58	+10	− 22	− 2	− 58	+10	− 58	+11	− 59	+ 10
179	π⁴ Orio	− 57	+60	− 14	+ 98	− 58	+70	− 59	+71	− 59	+ 72
180	π⁵ Orio	− 56	+39	− 13	+ 59	− 57	+44	− 57	+45	− 58	+ 46
181	ι Auri	− 77	+13	− 68	+ 19	− 83	+15	− 84	+15	− 85	+ 15
182	β Caml[2])	− 83	− 1	− 52	− 27	− 87	− 3	− 87	− 3	− 88	− 3
183	ε Auri	− 65	+52	− 25	+ 79	− 67	+59	− 67	+60	− 67	+ 61
184	ι Taur	− 88	+16	− 64	+ 28	− 94	+19	− 94	+19	− 95	+ 20
185	η Auri	− 81	+34	− 56	+ 52	− 85	+38	− 86	+39	− 87	+ 40
186	ε Leps	− 57	+ 7	− 14	− 10	− 59	+ 6	− 59	+ 6	− 58	+ 6
187	η² Pict	+ 70	−68	+198	− 62	+ 89	−73	+ 90	−74	+ 92	− 75
188	β Erid	− 72	+20	− 46	+ 16	− 76	+21	− 77	+22	− 77	+ 22
189	ζ Dora	+ 61	+58	+183	+150	+ 78	+73	+ 80	+74	+ 82	+ 76
190	λ Erid	− 67	+17	− 17	+ 13	− 69	+18	− 69	+18	− 69	+ 18
191	19 H. Caml	+ 26	− 7	+151	− 27	+ 51	− 9	+ 53	− 9	+ 54	− 9
192	μ Auri	− 73	+ 2	− 39	+ 3	− 76	+ 3	− 76	+ 3	− 77	+ 2
193	α Auri	− 49	+36	− 24	+ 55	− 50	+41	− 51	+42	− 51	+ 42
194	β Orio	− 30	+ 8	+ 1	− 4	− 30	+ 8	− 30	+ 8	− 30	+ 7
195	τ Orio	− 48	+ 7	+ 3	− 6	− 47	+ 7	− 47	+ 7	− 47	+ 7
196	ϑ Dora	− 75	−26	− 51	− 32	− 80	−29	− 80	−29	− 81	− 30
197	ο Colm	− 9	−45	+ 70	− 91	− 3	−53	− 3	−54	− 1	− 55
198	12 G. Colm	− 73	+44	− 24	+ 71	− 75	+50	− 75	+52	− 76	+ 52
199	ζ Pict	− 30	+ 3	+ 1	+ 70	− 30	+ 9	− 30	+10	− 30	+ 11
200	†η Orio *m*	− 75	+15	− 48	+ 12	− 79	+17	− 80	+17	− 81	+ 16

[1]) 9 Caml [2]) 10 Caml

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
161	4 18 28.052	+261.765	+ 0.366	+0.193	−20 45 27.59	+858.34	− 34.86	− 0.83
162	4 20 2.852	+346.106	+ 1.159	+0.763	+17 25 36.80	+843.92	− 46.19	− 2.74
163	4 21 20.560	+ 65.013	+ 2.327	+1.281	−63 30 17.05	+853.84	− 9.14	+17.46
164	4 25 41.588	+350.432	+ 1.168	+0.767	+19 4 16.42	+798.22	− 47.27	− 3.44
165	4 28 3.559	+475.420	+ 3.918	−0.004	+53 48 15.98	+782.59	− 64.13	− 0.06
166	4 21 18.406	−404.175	+27.837	+1.289	−80 19 58.45	+843.58	+ 53.00	+ 6.92
167	4 29 18.107	+183.792	+ 0.475	+0.014	−45 3 36.43	+772.79	− 25.05	+ 0.16
168	4 33 2.904	+344.347	+ 0.997	+0.466	+16 24 37.50	+723.50	− 47.00	−18.80
169	4 33 49.105	+299.844	+ 0.569	+0.017	− 3 27 11.59	+735.83	− 40.97	− 0.21
170	4 33 36.302	+233.281	+ 0.323	−0.387	−30 39 48.87	+736.77	− 31.88	− 1.01
171	4 32 54.785	+129.712	+ 0.959	+0.574	−55 8 51.53	+743.85	− 17.95	+ 0.45
172	4 35 53.340	+274.826	+ 0.397	−0.478	−14 24 1.63	+703.12	− 37.63	−16.05
173	4 42 4.070	+808.154	+16.938	+1.029	+75 51 14.78	+655.02	−111.47	−13.46
174	4 39 14.406	+360.196	+ 1.166	−0.009	+22 51 46.01	+690.26	− 49.56	− 1.48
175	4 43 49.731	+500.046	+ 3.786	+0.650	+56 40 15.12	+639.40	− 69.26	−14.53
176	4 42 59.997	+300.045	+ 0.537	+0.091	− 3 20 41.27	+659.83	− 41.58	− 0.95
177	4 43 33.266	− 59.614	+ 4.729	+0.202	−71 1 22.83	+659.57	+ 7.90	+ 3.36
178	4 49 3.804	+596.740	+ 6.413	+0.028	+66 15 38.75	+611.44	− 83.11	+ 0.94
179	4 48 32.425	+319.604	+ 0.658	−0.016	+ 5 31 16.37	+615.11	− 44.60	+ 0.25
180	4 51 38.659	+312.563	+ 0.586	−0.028	+ 2 21 37.36	+589.25	− 43.80	+ 0.29
181	4 53 43.987	+390.814	+ 1.358	+0.035	+33 5 19.93	+569.66	− 54.85	− 1.82
182	4 58 57.607	+533.922	+ 3.832	−0.061	+60 22 18.64	+526.10	− 75.29	− 1.42
183	4 58 22.542	+430.685	+ 1.834	+0.037	+43 45 5.28	+531.88	− 60.76	− 0.57
184	5 0 6.223	+358.696	+ 0.888	+0.470	+21 31 13.29	+513.86	− 50.79	− 4.01
185	5 3 0.212	+420.848	+ 1.551	+0.270	+41 10 8.45	+486.70	− 59.70	− 6.62
186	5 3 20.579	+254.014	+ 0.310	+0.184	−22 26 12.75	+483.56	− 36.13	− 6.89
187	5 3 40.107	+155.356	+ 0.548	+0.552	−49 38 41.36	+487.64	− 22.25	− 0.05
188	5 5 23.375	+294.985	+ 0.420	−0.640	− 5 8 58.37	+465.35	− 41.89	− 7.73
189	5 4 38.998	+102.843	+ 0.998	−0.516	−57 32 25.60	+491.19	− 14.69	+11.83
190	5 6 45.105	+287.171	+ 0.393	+0.012	− 8 49 0.29	+461.22	− 40.93	− 0.27
191	5 14 16.592	+989.587	+17.560	−2.908	+79 10 43.31	+413.10	−141.13	+15.89
192	5 10 0.149	+410.648	+ 1.258	−0.174	+38 25 38.18	+425.96	− 58.59	− 7.82
193	5 12 59.476	+443.361	+ 1.462	+0.809	+45 56 58.09	+365.97	− 63.55	−42.26
194	5 12 8.002	+288.373	+ 0.376	+0.017	− 8 15 28.61	+415.52	− 41.30	− 0.05
195	5 15 10.607	+291.361	+ 0.377	−0.112	− 6 53 49.06	+388.73	− 41.81	− 0.77
196	5 13 47.335	− 4.634	+ 2.072	+0.097	−67 14 29.90	+404.93	+ 0.48	+ 3.54
197	5 15 40.785	+216.394	+ 0.243	+0.689	−34 56 34.97	+351.39	− 31.22	−33.79
198	5 17 24.055	+239.258	+ 0.291	+0.054	−27 25 8.30	+369.99	− 34.44	− 0.41
199	5 18 8.353	+147.128	+ 0.589	+0.099	−50 39 32.04	+387.43	− 21.26	+23.38
200	5 21 57.680	+301.707	+ 0.380	−0.001	− 2 26 29.52	+331.36	− 43.51	+ 0.23

Nr.	Name	1925.0 Δα (0ˢ.001)	1925.0 Δδ (0″.01)	1925.0 Δμ (0ˢ.00001)	1925.0 Δμ′ (0″.0001)	1934.5 Δα (0ˢ.001)	1934.5 Δδ (0″.01)	1935.5 Δα (0ˢ.001)	1935.5 Δδ (0″.01)	1936.5 Δα (0ˢ.001)	1936.5 Δδ (0″.01)
201	γ Orio	− 59	+41	− 37	+ 58	− 62	+ 46	− 63	+ 46	− 63	+ 48
202	β Taur	− 62	+10	− 50	+ 14	− 66	+ 12	− 67	+ 12	− 67	+ 12
203	17 Caml	− 74	+10	− 35	− 7	− 76	+ 10	− 76	+ 9	− 77	+ 9
204	β Leps	− 74	+29	− 33	+ 15	− 77	+ 31	− 77	+ 31	− 78	+ 31
205	Grb 966 Caml	−133	+40	−121	+ 60	−139	+ 46	−141	+ 47	−141	+ 47
206	δ Orio	− 43	+26	− 1	+ 31	− 43	+ 29	− 43	+ 29	− 43	+ 30
207	α Leps	− 48	+29	+ 2	+ 17	− 48	+ 31	− 48	+ 30	− 48	+ 31
208	φ¹ Orio	− 57	+46	− 2	+ 78	− 57	+ 54	− 57	+ 54	− 57	+ 55
209	ι Orio	− 67	+61	− 37	+ 85	− 70	+ 69	− 71	+ 69	− 71	+ 71
210	ε Orio	− 47	+29	− 12	+ 36	− 48	+ 32	− 48	+ 33	− 49	+ 33
211	ζ Taur	− 67	+22	− 47	+ 34	− 71	+ 25	− 72	+ 26	− 72	+ 26
212	β Dora	− 30	+27	+ 25	+108	− 28	+ 38	− 27	+ 39	− 27	+ 40
213	†σ Orio *m*	− 56	+26	− 9	+ 28	− 57	+ 29	− 57	+ 29	− 57	+ 29
214	γ Mens	+ 65	−29	+193	− 30	+ 81	− 31	+ 83	− 32	+ 86	− 32
215	α Colm	− 30	+81	+ 37	+114	− 26	+ 93	− 27	+ 93	− 26	+ 95
216	ο Auri	− 92	+35	− 41	+ 56	− 95	+ 40	− 95	+ 41	− 96	+ 41
217	γ Leps	− 83	+43	− 40	+ 45	− 87	+ 47	− 87	+ 47	− 88	+ 49
218	130 Taur	− 99	−14	− 79	− 21	−106	− 16	−107	− 16	−108	− 17
219	ζ Leps	− 50	− 4	+ 2	− 35	− 50	− 7	− 49	− 7	− 50	− 8
220	κ Orio	− 53	+ 6	− 18	− 10	− 55	+ 5	− 54	+ 5	− 55	+ 4
221	ν Auri	− 53	−17	− 12	− 45	− 54	− 21	− 54	− 21	− 54	− 22
222	δ Leps	− 39	+43	+ 27	+ 45	− 37	+ 47	− 36	+ 48	− 36	+ 48
223	β Colm	− 17	+ 9	+ 49	+ 7	− 13	+ 10	− 13	+ 10	− 12	+ 10
224	α Orio	− 41	−10	− 18	− 19	− 42	− 11	− 43	− 12	− 43	− 12
225	δ Auri	− 76	−21	− 28	− 43	− 78	− 25	− 78	− 25	− 79	− 26
226	η Leps	− 66	+ 2	− 22	− 21	− 68	+ 1	− 69	0	− 68	0
227	β Auri	− 90	+32	− 75	+ 50	− 97	+ 37	− 97	+ 37	− 98	+ 38
228	†ϑ Auri	− 84	+23	− 84	+ 42	− 91	+ 27	− 93	+ 27	− 93	+ 28
229	η Colm	− 88	+69	− 92	+164	− 96	+ 85	− 97	+ 87	− 98	+ 88
230	66 Orio	− 58	+50	+ 17	+ 82	− 56	+ 58	− 56	+ 58	− 56	+ 59
231	1 G. Pupp	− 69	+57	− 56	+146	− 74	+ 72	− 74	+ 73	− 75	+ 74
232	ν Orio	− 90	+48	− 77	+ 85	− 97	+ 55	− 97	+ 57	− 98	+ 57
233	36 Caml	+ 26	+14	+172	+ 6	+ 45	+ 14	+ 46	+ 14	+ 47	+ 15
234	22 H. Caml	− 92	0	− 63	− 13	− 95	− 1	− 95	− 1	− 96	− 1
235	δ Pict	− 12	+82	+ 31	+205	− 9	+102	− 8	+103	− 9	+105
236	†η Gemi	− 81	0	− 62	− 1	− 87	+ 1	− 87	0	− 87	0
237	2 Lync	− 94	−32	− 50	− 92	− 98	− 40	− 98	− 41	− 99	− 42
238	κ Colm	− 84	+58	− 79	+ 95	− 91	+ 67	− 92	+ 69	− 93	+ 69
239	α Mens	+315	+34	+729	+117	+384	+ 45	+392	+ 47	+399	+ 47
240	ζ CMaj	− 34	+ 3	+ 27	+ 10	− 32	+ 4	− 32	+ 4	− 31	+ 4

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
201	5 22 26.838	+321.832	+0.446	−0.063	+ 6 18 21.59	+325.48	− 46.41	− 1.46
202	5 23 7.717	+379.337	+0.714	+0.198	+28 34 1.71	+303.51	− 54.74	−17.55
203	5 25 26.407	+566.838	+2.638	−0.069	+63 1 42.19	+300.89	− 81.81	− 0.20
204	5 26 6.110	+257.136	+0.271	+0.006	−20 47 52.97	+286.22	− 37.20	− 9.15
205	5 33 1.525	+802.860	+5.710	−0.198	+75 0 53.56	+237.91	−116.28	+ 2.56
206	5 29 27.023	+306.552	+0.355	−0.002	− 0 20 4.28	+266.50	− 44.40	+ 0.13
207	5 30 31.409	+264.657	+0.281	+0.020	−17 51 24.07	+257.46	− 38.37	+ 0.39
208	5 32 4.415	+329.408	+0.402	−0.012	+ 9 27 26.67	+243.38	− 47.76	− 0.24
209	5 32 59.138	+293.527	+0.311	+0.008	− 5 56 28.08	+236.12	− 42.59	+ 0.42
210	5 33 40.480	+304.468	+0.328	−0.004	− 1 13 56.13	+229.77	− 44.20	+ 0.06
211	5 34 39.264	+358.616	+0.473	+0.009	+21 6 49.91	+218.99	− 52.04	− 2.21
212	5 33 11.273	+ 52.056	+0.894	−0.107	−62 31 20.11	+234.80	− 7.62	+ 0.85
213	5 36 14.053	+301.221	+0.309	−0.008	− 2 37 38.44	+207.66	− 43.76	+ 0.19
214	5 33 51.202	−237.370	+4.815	+3.088	−76 22 39.85	+257.57	+ 33.83	+29.41
215	5 37 50.212	+217.307	+0.264	+0.021	−34 5 58.61	+190.92	− 31.61	− 2.60
216	5 42 1.433	+464.893	+0.781	−0.100	+49 48 24.41	+156.75	− 67.60	− 0.30
217	5 42 22.674	+250.187	+0.193	−2.057	−22 27 48.22	+116.91	− 36.12	−37.05
218	5 44 31.153	+349.860	+0.337	−0.043	+17 42 43.66	+134.47	− 50.93	− 0.81
219	5 44 41.307	+271.887	+0.247	−0.118	−14 50 21.34	+133.29	− 39.58	− 0.52
220	5 45 23.028	+284.587	+0.250	+0.020	− 9 41 9.44	+127.32	− 41.46	− 0.41
221	5 48 1.338	+415.852	+0.426	−0.054	+39 8 9.49	+105.39	− 60.57	+ 0.69
222	5 49 10.213	+258.074	+0.137	+1.665	−20 52 55.21	+ 29.79	− 37.85	−64.88
223	5 49 11.719	+211.512	+0.329	+0.396	−35 47 9.55	+134.88	− 30.89	+40.43
224	5 52 27.822	+324.856	+0.237	+0.186	+ 7 23 58.00	+ 67.04	− 47.38	+ 1.14
225	5 55 24.523	+494.091	+0.269	+0.967	+54 17 0.14	+ 27.47	− 72.17	−12.68
226	5 54 7.571	+273.302	+0.238	−0.287	−14 10 31.64	+ 65.12	− 39.81	+13.76
227	5 55 51.588	+440.167	+0.252	−0.497	+44 56 40.61	+ 35.95	− 64.10	− 0.25
228	5 56 18.624	+409.176	+0.207	+0.400	+37 12 40.00	+ 23.96	− 59.70	− 8.31
229	5 57 36.875	+183.657	+0.243	+0.129	−42 49 1.39	+ 19.14	− 26.79	− 1.73
230	6 2 19.752	+317.010	+0.166	−0.042	+ 4 9 47.13	− 21.04	− 46.19	− 0.67
231	6 3 1.971	+172.679	+0.295	−0.877	−45 2 7.56	− 1.84	− 25.03	+24.68
232	6 4 42.953	+342.593	+0.122	+0.030	+14 46 34.22	− 43.52	− 49.91	− 2.28
233	6 7 49.286	+603.637	−0.668	+0.119	+65 43 53.46	− 71.24	− 87.92	− 2.85
234	6 13 20.369	+661.181	−1.669	+0.082	+69 20 27.21	−126.94	− 96.16	−10.34
235	6 9 19.364	+116.773	+0.178	−0.192	−54 57 24.25	− 80.19	− 16.94	+ 1.32
236	6 11 51.509	+362.181	+0.007	−0.481	+22 31 23.32	−104.96	− 52.60	− 1.30
237	6 15 12.723	+529.375	−0.792	−0.117	+59 1 54.03	−130.91	− 76.91	+ 2.02
238	6 14 46.264	+213.398	+0.211	−0.137	−35 7 21.97	−120.73	− 30.97	+ 8.36
239	6 11 43.968	−178.656	−1.282	+3.035	−74 44 12.65	−124.12	+ 25.61	−21.56
240	6 18 23.545	+230.353	+0.185	+0.045	−30 2 23.76	−160.20	− 33.40	+ 0.48

Definitive Verbesserungen des NFK

Nr.	Name	1925.0 Δα (0ˢ001)	1925.0 Δδ (0"01)	1925.0 Δμ (0ˢ00001)	1925.0 Δμ′ (0"0001)	1934.5 Δα (0ˢ001)	1934.5 Δδ (0"01)	1935.5 Δα (0ˢ001)	1935.5 Δδ (0"01)	1936.5 Δα (0ˢ001)	1936.5 Δδ (0"01)
241	μ Gemi	− 80	− 8	− 72	− 14	− 86	− 9	− 87	− 9	− 88	− 10
242	ψ¹ Auri	−101	− 9	− 76	− 14	−107	− 10	−108	− 11	−109	− 10
243	β CMaj	− 40	− 18	+ 5	− 55	− 39	− 23	− 39	− 23	− 39	− 24
244	8 ε Mono¹)	− 78	+ 40	− 54	+ 65	− 83	+ 46	− 83	+ 47	− 84	+ 48
245	α Cari²)	+ 16	+ 50	+ 80	+138	+ 23	+ 64	+ 24	+ 65	+ 25	+ 66
246	10 Mono	− 82	+ 5	− 42	− 8	− 86	+ 4	− 86	+ 5	− 86	+ 4
247	8 Lync	− 76	− 2	− 32	− 26	− 78	− 5	− 78	− 5	− 78	− 5
248	23 H. Caml	− 49	+ 70	+ 36	+132	− 32	+ 82	− 32	+ 83	− 30	+ 85
249	ξ² CMaj	− 51	+ 16	+ 4	+ 7	− 50	+ 17	− 51	+ 17	− 50	+ 17
250	51 Auri	− 75	+ 2	− 36	− 4	− 78	+ 2	− 79	+ 2	− 78	+ 2
251	γ Gemi	− 54	+ 10	− 40	+ 13	− 57	+ 11	− 58	+ 12	− 58	+ 11
252	ν Pupp³)	− 54	+ 89	− 31	+186	− 57	+106	− 57	+109	− 57	+111
253	†S Mono	− 86	− 6	− 69	− 16	− 92	− 8	− 93	− 8	− 93	− 8
254	ε Gemi	− 86	− 5	− 82	− 8	− 93	− 6	− 94	− 6	− 95	− 6
255	ψ⁵ Auri	−107	+ 45	− 80	+ 82	−113	+ 53	−114	+ 53	−116	+ 54
256	ξ Gemi	− 70	+ 24	− 54	+ 40	− 74	+ 28	− 75	+ 28	− 75	+ 28
257	α CMaj *cg*	− 45	+ 12	− 14	+ 2	− 46	+ 12	− 47	+ 12	− 46	+ 12
258	18 Mono	−106	+ 42	−121	+ 64	−117	+ 48	−119	+ 49	−121	+ 49
259	43 Caml	−131	+ 17	−142	+ 13	−143	+ 18	−144	+ 19	−145	+ 18
260	24 H. Caml	− 88	+ 21	− 59	+ 23	− 86	+ 22	− 86	+ 23	− 87	+ 23
261	ϑ Gemi	− 89	+ 21	− 84	+ 28	− 97	+ 24	− 97	+ 24	− 98	+ 24
262	α Pict	− 80	+ 44	− 95	+128	− 89	+ 57	− 90	+ 58	− 90	+ 59
263	τ Pupp⁴)	− 57	+115	− 27	+234	− 59	+137	− 60	+139	− 60	+141
264	ζ Mens	+ 78	−140	+ 91	−261	+ 78	−165	+ 79	−168	+ 79	−171
265	†15 Lync *m*	− 97	− 22	− 64	− 69	−102	− 28	−102	− 29	−103	− 30
266	ϑ CMaj	− 58	+ 3	− 13	− 13	− 59	+ 2	− 60	+ 2	− 59	+ 2
267	ι Voln	− 39	+ 15	− 54	+ 78	− 44	+ 22	− 44	+ 23	− 45	+ 23
268	ε CMaj	− 11	+ 9	+ 46	+ 9	− 7	+ 10	− 6	+ 10	− 6	+ 10
269	ζ Gemi	− 79	+ 2	− 64	− 2	− 85	+ 2	− 86	+ 2	− 86	+ 2
270	o² CMaj	− 44	+ 14	+ 5	+ 13	− 43	+ 15	− 44	+ 15	− 43	+ 16
271	γ CMaj	− 87	+ 32	− 62	+ 33	− 92	+ 34	− 94	+ 35	− 94	+ 35
272	27 G. Cari	+ 37	+ 33	+128	+ 93	+ 49	+ 42	+ 50	+ 42	+ 52	+ 43
273	δ CMaj	− 15	+ 16	+ 43	+ 14	− 12	+ 18	− 11	+ 17	− 11	+ 17
274	63 Auri	− 96	− 13	− 88	− 26	−104	− 15	−104	− 16	−105	− 15
275	J Pupp	− 6	+ 30	+ 58	+ 68	− 1	+ 36	− 1	+ 37	0	+ 38
276	64 Auri	−129	+ 50	−126	+ 79	−141	+ 57	−142	+ 58	−143	+ 59
277	λ Gemi	− 66	+ 30	− 44	+ 50	− 70	+ 35	− 71	+ 35	− 71	+ 35
278	π Pupp⁵)	− 8	+ 55	+ 54	+ 64	− 3	+ 60	− 3	+ 61	− 2	+ 62
279	δ Gemi	− 87	− 19	− 84	− 34	− 95	− 22	− 96	− 22	− 96	− 22
280	19 Lync *sq*	−103	+ 9	− 68	− 4	−109	+ 9	−109	+ 8	−109	+ 9

¹) 8 Mono ²) *α* Argus ³) *ν* Argus ⁴) *τ* Argus ⁵) *π* Argus

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
241	6 19 56.100	+ 362.978	− 0.113	+0.403	+22 32 27.93	−185.36	− 52.69	− 11.25
242	6 21 2.884	+ 462.114	− 0.639	+0.011	+49 18 56.71	−184.26	− 66.99	− 0.45
243	6 20 29.801	+ 264.230	+ 0.150	−0.036	−17 55 47.29	−179.37	− 38.29	− 0.36
244	6 21 7.060	+ 317.956	+ 0.040	−0.123	+ 4 37 11.66	−183.36	− 46.05	+ 1.05
245	6 22 50.470	+ 133.247	+ 0.089	+0.242	−52 40 3.25	−196.90	− 19.28	+ 2.52
246	6 25 29.348	+ 296.275	+ 0.074	−0.065	− 4 43 46.80	−222.01	− 42.81	+ 0.44
247	6 33 7.476	+ 548.243	− 2.295	−2.893	+61 31 40.34	−316.52	− 78.55	− 27.85
248	6 37 44.336	+1024.060	−17.858	−3.135	+79 37 26.14	−389.32	−146.64	− 60.77
249	6 32 57.566	+ 251.461	+ 0.143	+0.058	−22 55 26.08	−285.85	− 36.16	+ 1.40
250	6 35 11.685	+ 415.709	− 0.722	−0.223	+39 26 13.01	−318.05	− 59.72	− 11.47
251	6 34 49.402	+ 346.611	− 0.199	+0.302	+16 26 37.31	−307.80	− 49.85	− 4.43
252	6 36 13.789	+ 183.558	+ 0.122	−0.070	−43 9 3.80	−315.67	− 26.28	− 0.15
253	6 38 13.427	+ 330.416	− 0.137	−0.010	+ 9 56 37.02	−333.42	− 47.35	− 0.69
254	6 40 51.359	+ 369.110	− 0.418	−0.047	+25 10 56.88	−356.93	− 52.79	− 1.53
255	6 43 8.206	+ 432.440	− 1.033	−0.010	+43 37 45.71	−358.80	− 61.76	+ 16.22
256	6 42 28.965	+ 336.723	− 0.239	−0.805	+12 57 4.22	−388.88	− 47.96	− 19.48
257	6 42 56.728	+ 264.338	− 0.084	−3.738	−16 38 46.39	−494.41	− 37.16	−121.04
258	6 45 15.172	+ 312.832	− 0.094	−0.143	+ 2 28 6.42	−394.52	− 44.52	− 1.35
259	6 48 19.407	+ 646.834	− 5.432	+0.024	+68 56 58.66	−419.05	− 92.01	+ 0.43
260	6 52 48.258	+ 874.937	−14.289	+2.097	+77 2 43.75	−458.90	−124.25	− 1.19
261	6 49 29.672	+ 395.425	− 0.813	−0.012	+34 1 24.55	−434.68	− 56.11	− 5.20
262	6 47 40.700	+ 61.534	− 0.510	−1.077	−61 53 14.14	−387.05	− 8.46	+ 26.91
263	6 48 41.642	+ 148.834	− 0.061	+0.258	−50 33 15.36	−429.89	− 21.06	− 7.25
264	6 44 14.675	− 499.279	−14.396	−0.225	−80 45 47.98	−378.66	+ 71.61	+ 5.87
265	6 52 57.121	+ 519.424	− 2.913	−0.076	+58 29 26.89	−472.66	− 73.49	− 13.69
266	6 51 51.957	+ 278.760	+ 0.028	−0.950	−11 58 28.58	−451.15	− 39.27	− 1.44
267	6 52 1.641	− 68.763	− 2.725	−0.095	−70 54 5.33	−449.13	+ 9.97	+ 1.96
268	6 56 39.597	+ 235.843	+ 0.122	+0.042	−28 54 10.23	−490.26	− 33.11	+ 0.21
269	7 1 8.626	+ 355.822	− 0.556	−0.068	+20 38 43.45	−528.69	− 49.79	− 0.30
270	7 0 56.149	+ 250.563	+ 0.099	−0.013	−23 45 32.41	−526.48	− 35.01	+ 0.16
271	7 1 29.731	+ 271.472	+ 0.037	+0.015	−15 33 28.87	−532.27	− 37.93	− 0.91
272	7 3 22.349	+ 111.725	− 0.409	−0.116	−56 40 23.46	−546.98	− 15.42	+ 0.19
273	7 6 21.441	+ 243.971	+ 0.106	−0.032	−26 18 45.28	−571.76	− 33.83	+ 0.48
274	7 8 13.107	+ 412.630	− 1.436	+0.360	+39 24 14.65	−588.04	− 57.30	− 0.22
275	7 11 8.008	+ 171.014	+ 0.001	−1.415	−46 40 30.03	−602.36	− 23.28	+ 9.78
276	7 14 33.766	+ 417.127	− 1.673	−0.159	+40 58 27.15	−639.49	− 57.31	+ 1.14
277	7 15 13.194	+ 344.757	− 0.589	−0.355	+16 37 56.14	−649.93	− 47.24	− 3.86
278	7 15 22.558	+ 211.932	+ 0.107	−0.082	−37 0 23.48	−646.45	− 28.97	+ 0.91
279	7 17 8.267	+ 358.289	− 0.775	−0.189	+22 4 34.08	−663.31	− 48.98	− 1.38
280	7 18 47.658	+ 489.452	− 3.502	−0.080	+55 22 40.57	−679.05	− 66.87	− 3.47

Definitive Verbesserungen des NFK

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα (0.s001)	Δδ (0".01)	Δμ (0.s00001)	Δμ′ (0".0001)	Δα (0.s001)	Δδ (0".01)	Δα (0.s001)	Δδ (0".01)	Δα (0.s001)	Δδ (0".01)
281	δ Voln	−139	+ 56	−165	+105	−154	+ 66	−156	+ 68	−159	+ 69
282	ι Gemi	− 92	− 18	− 89	− 37	−100	− 21	−101	− 22	−102	− 21
283	η CMaj	− 50	− 49	− 4	− 76	− 51	− 56	− 50	− 57	− 50	− 58
284	Grb 1308 Caml	−119	+ 26	−142	+ 36	−131	+ 29	−133	+ 29	−134	+ 30
285	β CMin	− 77	+ 7	− 65	+ 5	− 83	+ 7	− 84	+ 7	− 84	+ 8
286	ρ Gemi	− 78	− 59	− 63	−105	− 84	− 70	− 85	− 70	− 84	− 71
287	α Gemi *cg*	− 52	−237	− 93	−224	− 61	−258	− 62	−260	− 63	−263
288	108 G. Pupp	− 66	+ 83	+ 8	+168	− 66	+100	− 65	+101	− 65	+103
289	25 Mono	− 77	− 13	− 31	− 44	− 80	− 17	− 80	− 17	− 80	− 18
290	127 G. Pupp[1])	− 51	+ 23	− 3	+ 18	− 51	+ 25	− 51	+ 25	− 51	+ 25
291	α CMin *cg*	− 25	+ 2	− 30	− 30	− 28	− 1	− 28	− 2	− 28	− 1
292	24 Lync	− 94	+ 8	− 56	− 7	− 98	+ 7	− 99	+ 7	− 99	+ 7
293	26 α Mono[2])	− 24	− 7	+ 64	− 29	− 18	− 9	− 17	− 10	− 17	− 11
294	ϰ Gemi	− 83	+ 8	− 76	+ 6	− 89	+ 9	− 90	+ 8	− 92	+ 9
295	β Gemi	− 65	− 3	− 67	− 13	− 71	− 4	− 71	− 5	− 72	− 4
296	π Gemi	−112	+ 1	− 86	− 7	−119	0	−121	+ 1	−121	0
297	ζ Voln	+222	+ 30	+501	+102	+271	+ 40	+275	+ 41	+280	+ 42
298	†9 Pupp *m*[3])	− 79	+ 2	− 32	− 12	− 82	+ 1	− 82	+ 1	− 83	+ 1
299	26 Lync	−111	+ 29	−100	+ 45	−121	+ 33	−122	+ 34	−123	+ 34
300	Grb 1374 Caml	− 29	− 7	+ 13	− 25	− 26	− 10	− 26	− 10	− 26	− 11
301	213 G. Pupp[4])	− 51	+ 10	− 26	− 6	− 53	+ 9	− 54	+ 10	− 54	+ 9
302	53 Caml	−265	+ 10	−437	− 7	−305	+ 10	−310	+ 9	−315	+ 9
303	χ Cari[5])	−105	− 7	− 97	+ 51	−113	− 2	−115	− 2	−115	− 1
304	27 Mono	−136	− 48	−159	−107	−151	− 58	−153	− 60	−154	− 60
305	χ Gemi	− 85	+ 1	− 60	− 6	− 90	0	− 90	0	− 91	0
306	ζ Pupp[6])	− 7	+ 34	+ 43	+ 30	− 4	+ 37	− 3	+ 37	− 3	+ 37
307	27 Lync	−103	− 7	− 82	− 51	−110	− 12	−111	− 12	−111	− 13
308	ρ Pupp[7])	− 27	+ 34	+ 34	+ 38	− 24	+ 38	− 23	+ 38	− 23	+ 39
309	γ Velr[8])	− 14	+ 35	+ 39	+ 99	− 11	+ 44	− 10	+ 45	− 9	+ 46
310	Br 1147 Caml	− 3	− 1	+ 72	− 16	+ 5	− 4	+ 6	− 4	+ 6	− 4
311	20 Pupp[9])	− 78	+ 17	− 39	− 2	− 82	+ 16	− 82	+ 16	− 82	+ 16
312	β Cncr	− 65	+ 12	− 37	+ 9	− 68	+ 13	− 69	+ 13	− 69	+ 13
313	289 G. Pupp[10])	+ 20	+ 24	+ 94	+ 22	+ 29	+ 26	+ 30	+ 26	+ 31	+ 26
314	31 Lync	− 89	+ 27	− 75	+ 36	− 95	+ 30	− 96	+ 30	− 97	+ 31
315	ε Cari[11])	− 73	− 11	− 52	+ 33	− 78	− 8	− 78	− 8	− 79	− 7
316	Br 1197 Hyda	− 76	− 13	− 49	− 50	− 81	− 18	− 81	− 18	− 81	− 19
317	o UMaj	− 97	+ 7	−108	− 13	−107	+ 5	−108	+ 5	−109	+ 5
318	ϑ Cham	+313	+ 28	+727	+ 75	+385	+ 34	+393	+ 35	+400	+ 35
319	β Voln	− 1	+ 85	+115	+174	+ 11	+102	+ 11	+103	+ 13	+105
320	Grb 1450 Lync	− 74	− 6	− 30	− 28	− 77	− 9	− 77	− 9	− 78	− 10

[1]) f Pupp [2]) 26 Mono [3]) 205 G. Pupp [4]) *α* Pupp [5]) *χ* Argus [6]) *ζ* Argus [7]) *ι* Navis [8]) *γ* Argus
[9]) 20 Navis [10]) q Pupp [11]) *ε* Argus

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
281	7 16 51.657	− 2.991	− 2.551	−0.123	−67 51 56.60	− 659.81	+ 0.71	− 0.18
282	7 22 37.374	+372.599	− 1.079	−0.924	+27 53 57.19	− 715.88	−50.39	− 8.87
283	7 22 6.973	+237.329	+ 0.109	−0.052	−29 12 15.88	− 702.31	−32.09	+ 0.55
284	7 25 41.670	+624.026	− 8.933	−0.218	+68 34 14.81	− 736.09	−84.32	− 4.01
285	7 24 26.354	+325.336	− 0.440	−0.380	+ 8 23 29.92	− 725.83	−43.88	− 3.99
286	7 25 53.841	+385.837	− 1.288	+1.157	+31 53 8.45	− 716.55	−52.18	+ 17.18
287	7 31 24.666	+382.884	− 1.410	−1.382	+31 59 59.37	− 788.71	−50.91	− 10.32
288	7 31 54.647	+256.774	+ 0.065	−0.384	−22 11 13.21	− 778.93	−34.07	+ 3.48
289	7 34 47.487	+298.270	− 0.207	−0.506	− 3 59 52.64	− 803.98	−39.40	+ 1.56
290	7 35 30.989	+221.965	+ 0.119	−0.271	−34 51 17.57	− 809.53	−29.20	+ 1.81
291	7 36 41.112	+314.013	− 0.545	−4.740	+ 5 21 16.60	− 923.60	−40.78	−102.92
292	7 38 47.202	+507.480	− 5.165	−0.529	+58 49 46.97	− 842.78	−66.77	− 5.37
293	7 38 51.467	+286.654	− 0.122	−0.507	− 9 25 59.55	− 840.39	−37.53	− 2.41
294	7 41 25.860	+362.173	− 1.139	−0.230	+24 31 10.59	− 863.71	−47.31	− 5.35
295	7 42 15.516	+367.073	− 1.310	−4.745	+28 8 55.07	− 870.13	−47.28	− 5.24
296	7 44 17.130	+386.796	− 1.686	−0.093	+33 32 24.65	− 883.98	−50.25	− 3.13
297	7 42 26.953	− 73.909	− 6.193	+0.584	−72 29 10.59	− 864.63	+10.01	+ 1.77
298	7 49 27.328	+277.810	− 0.102	−0.448	−13 45 50.80	− 955.60	−35.52	− 34.37
299	7 51 4.633	+436.738	− 3.221	−0.504	+47 41 46.34	− 933.99	−55.86	− 0.18
300	7 54 15.060	+717.778	−18.931	−0.296	+74 3 17.17	− 961.73	−91.43	− 3.45
301	7 50 29.788	+206.200	+ 0.100	−0.209	−40 26 45.17	− 929.27	−26.21	+ 0.05
302	7 57 26.890	+512.110	− 6.494	−0.740	+60 27 48.19	− 984.92	−64.54	− 2.18
303	7 55 30.400	+152.501	− 0.303	−0.415	−52 50 50.48	− 965.02	−19.00	+ 2.89
304	7 57 14.232	+299.687	− 0.279	−0.428	− 3 32 30.85	− 981.27	−37.62	− 0.14
305	8 0 26.992	+368.411	− 1.521	−0.208	+27 56 10.01	−1010.16	−46.00	− 4.62
306	8 1 49.530	+210.857	+ 0.132	−0.297	−39 51 40.60	−1014.57	−26.02	+ 1.35
307	8 4 42.284	+451.162	− 4.236	−0.674	+51 39 9.85	−1038.48	−55.73	− 0.93
308	8 5 24.825	+255.540	+ 0.100	−0.605	−24 9 32.19	−1037.79	−31.28	+ 5.06
309	8 7 59.453	+184.925	+ 0.004	−0.081	−47 11 18.19	−1061.48	−22.40	+ 0.54
310	8 13 18.824	+752.863	−26.067	+0.651	+75 54 46.00	−1099.71	−91.29	+ 1.50
311	8 11 2.017	+275.755	− 0.033	−0.121	−15 38 10.95	−1085.11	−33.33	− 0.61
312	8 13 48.272	+325.330	− 0.726	−0.336	+ 9 20 27.77	−1109.89	−39.06	− 5.09
313	8 16 40.931	+224.572	+ 0.205	−0.942	−36 30 12.25	−1116.58	−26.49	+ 9.13
314	8 19 25.154	+410.676	− 3.182	−0.158	+43 21 0.69	−1155.83	−48.61	− 10.40
315	8 21 29.357	+123.111	− 0.921	−0.368	−59 20 52.75	−1158.40	−14.09	+ 1.84
316	8 23 9.720	+299.780	− 0.321	−0.458	− 3 44 31.42	−1174.70	−34.89	− 2.57
317	8 26 7.606	+498.273	− 7.726	−1.851	+60 53 14.53	−1204.21	−57.63	− 11.14
318	8 22 10.888	−179.894	−16.891	−3.861	−77 19 25.89	−1161.29	+22.30	+ 3.88
319	8 25 11.992	+ 65.365	− 2.710	−0.440	−65 58 10.85	−1202.51	− 7.12	− 15.96
320	8 29 40.288	+389.941	− 2.700	−0.864	+38 11 22.03	−1235.09	−44.53	− 17.26

Definitive Verbesserungen des NFK

Nr.	Name	1925.0 Δα (0ˢ001)	1925.0 Δδ (0″01)	1925.0 Δμ (0ˢ00001)	1925.0 Δμ′ (0″0001)	1934.5 Δα (0ˢ001)	1934.5 Δδ (0″01)	1935.5 Δα (0ˢ001)	1935.5 Δδ (0″01)	1936.5 Δα (0ˢ001)	1936.5 Δδ (0″01)
321	η Cncr	−102	+8	−90	+4	−110	+9	−111	+8	−112	+8
322	Grb 1446 Caml	−103	+1	−132	−2	−115	0	−117	0	−118	0
323	Grb 1460 U Maj	−83	+2	−8	−17	−84	+1	−84	0	−84	0
324	48 G. Velr[1]	−9	+65	+51	+142	−4	+79	−4	+80	−3	+82
325	6 Hyda	−39	−7	+37	−32	−36	−10	−35	−10	−35	−11
326	δ Cncr	−74	+22	−54	+25	−79	+24	−79	+25	−80	+25
327	α Pyxi	−40	+1	+20	−24	−38	−1	−39	−1	−38	−2
328	ι Cncr	−82	+17	−67	+24	−88	+19	−89	+20	−89	+19
329	†ε Hyda *m*	−64	−19	−38	−45	−67	−23	−68	−24	−68	−24
330	†δ Velr *m*[2]	−34	+81	+8	+172	−33	+97	−33	+99	−33	+101
331	η Cham	+294	−68	+724	−134	+366	−82	+374	−83	+381	−85
332	γ Pyxi	−60	−53	−13	−128	−61	−66	−61	−67	−62	−68
333	†σ² Cncr *m*	−74	+16	−30	+17	−76	+17	−77	+17	−77	+18
334	ζ Hyda	−71	−3	−50	−21	−76	−5	−77	−5	−76	−6
335	ι UMaj	−86	+36	−67	+56	−92	+41	−92	+41	−93	+42
336	108 G. Cari[3]	−55	−66	+16	−104	−54	−76	−54	−77	−54	−78
337	α Cncr	−74	+14	−43	+18	−78	+16	−79	+16	−78	+16
338	ρ UMaj	−97	+12	−114	+9	−109	+13	−109	+13	−110	+12
339	Br 1268 Lync[4]	−118	+44	−121	+57	−130	+49	−131	+49	−133	+50
340	Grb 1501 UMaj	−100	−7	−53	−37	−104	−11	−105	−11	−106	−11
341	κ UMaj	−92	+37	−71	+66	−99	+43	−99	+43	−100	+44
342	97 G. Velr[5]	+31	+60	+126	+128	+43	+73	+45	+73	+46	+75
343	α Voln	+28	+62	+193	+125	+46	+74	+49	+75	+50	+77
344	†σ² UMaj	−192	−53	−274	−105	−218	−64	−221	−65	−223	−66
345	λ Velr[6]	+9	+17	+87	+60	+17	+22	+18	+23	+19	+23
346	36 Lync	−109	+30	−93	+38	−118	+33	−118	+33	−119	+34
347	ϑ Hyda	−63	+5	−24	−7	−65	+4	−66	+4	−65	+4
348	β Cari[7]	+43	+20	+235	+54	+66	+25	+68	+25	+70	+26
349	†38 Lync	−89	+4	−82	−2	−96	+4	−97	+3	−99	+3
350	83 Cncr	−100	+6	−65	+3	−105	+6	−107	+6	−107	+7
351	ι Cari[8]	+30	−3	+119	+37	+42	0	+43	+1	+44	+1
352	α Lync[9]	−59	+5	−30	+3	−61	+6	−62	+5	−63	+5
353	κ Velr[10]	+9	+23	+95	+79	+18	+30	+19	+31	+21	+32
354	α Hyda	−65	−17	−29	−54	−68	−22	−68	−23	−69	−23
355	23 UMaj[11]	−112	0	−119	−23	−123	−2	−125	−2	−126	−3
356	ε Antl	−37	+37	+30	+43	−34	+41	−34	+41	−34	+41
357	24 UMaj[12]	−127	+7	−161	+1	−144	+6	−145	+6	−147	+6
358	ϑ UMaj	−80	+19	−49	+14	−85	+20	−85	+21	−85	+20
359	†ψ Velr *m*[13]	−24	0	+50	−38	−20	−4	−20	−4	−18	−4
360	10 LMin	−97	−16	−83	−36	−105	−19	−105	−20	−106	−20

[1]) e Velr [2]) *δ* Argus [3]) c Cari [4]) 10 UMaj [5]) c Velr [6]) *λ* Argus [7]) *β* Argus [8]) *ι* Argus [9]) 40 Lync
[10]) *κ* Argus [11]) h UMaj [12]) d UMaj [13]) *ψ* Argus

Nr.	α	dα/dT	d²α/dT²	100 μ	δ	dδ/dT	d²δ/dT²	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
321	8 29 49.152	+346.877	− 1.323	− 0.346	+20 36 44.63	−1223.80	−39.58	− 4.94
322	8 34 11.766	+666.671	−22.130	− 0.510	+73 48 25.56	−1259.45	−75.40	−10.43
323	8 35 35.952	+444.380	− 5.206	− 0.385	+52 53 18.65	−1262.24	−49.83	− 3.65
324	8 35 53.038	+210.918	+ 0.242	− 0.168	−42 48 47.69	−1259.83	−23.35	+ 0.71
325	8 37 39.273	+284.221	− 0.090	− 0.603	−12 17 51.07	−1273.11	−31.39	− 0.57
326	8 41 50.740	+340.882	− 1.278	− 0.144	+18 20 21.80	−1323.98	−37.23	−23.35
327	8 41 34.893	+241.103	+ 0.290	− 0.126	−33 0 18.51	−1297.93	−26.19	+ 0.94
328	8 43 40.515	+362.980	− 1.960	− 0.186	+28 56 39.23	−1317.22	−39.40	− 4.46
329	8 44 7.752	+317.700	− 0.709	− 1.296	+ 6 36 12.42	−1321.21	−34.24	− 5.44
330	8 43 19.367	+165.683	− 0.204	+ 0.222	−54 31 28.05	−1318.04	−17.74	− 7.61
331	8 43 4.659	−203.714	−23.052	− 0.782	−78 46 57.73	−1306.76	+23.13	+ 2.05
332	8 48 24.509	+254.660	+ 0.258	− 1.008	−27 31 24.61	−1335.67	−26.86	+ 8.10
333	8 51 11.889	+365.977	− 2.159	+ 0.276	+30 46 12.33	−1364.19	−38.59	− 2.43
334	8 52 45.088	+317.107	− 0.699	− 0.695	+ 6 8 13.21	−1370.70	−33.04	+ 1.00
335	8 55 47.621	+410.636	− 4.439	− 4.434	+48 14 21.80	−1414.99	−42.04	−24.02
336	8 53 54.953	+136.039	− 0.789	− 0.246	−60 27 10.76	−1374.96	−13.78	+ 4.15
337	8 55 45.245	+328.088	− 0.977	+ 0.218	+12 3 9.03	−1394.08	−33.87	− 3.36
338	8 58 3.920	+540.649	−13.490	− 0.453	+67 49 35.17	−1403.65	−55.54	+ 1.56
339	8 57 24.070	+389.355	− 3.423	− 3.948	+41 58 55.56	−1426.79	−39.57	−25.73
340	9 0 21.314	+439.359	− 6.028	− 0.136	+54 28 57.01	−1419.53	−44.59	− 0.11
341	9 0 13.250	+409.471	− 4.339	− 0.346	+47 21 20.78	−1424.39	−41.52	− 5.80
342	9 2 25.659	+206.871	+ 0.366	− 0.573	−46 53 52.39	−1433.65	−20.43	− 1.50
343	9 1 39.805	+ 94.816	− 2.276	+ 0.108	−66 11 46.07	−1437.59	− 9.10	−10.11
344	9 6 1.077	+527.167	−13.215	− 0.442	+67 20 21.63	−1461.73	−52.22	− 7.79
345	9 6 9.281	+220.682	+ 0.466	− 0.245	−43 13 47.35	−1453.26	−21.48	+ 1.51
346	9 10 32.460	+392.272	− 3.746	− 0.274	+43 25 30.82	−1484.74	−37.87	− 3.85
347	9 11 45.820	+312.137	− 0.590	+ 0.861	+ 2 31 34.54	−1519.49	−29.93	−31.42
348	9 12 39.694	+ 66.021	− 3.680	− 2.803	−69 30 39.54	−1483.00	− 5.51	+10.32
349	9 15 44.335	+373.243	− 2.928	− 0.265	+37 0 55.48	−1524.09	−35.07	−12.95
350	9 16 11.554	+334.776	− 1.341	− 0.868	+17 55 6.19	−1527.22	−31.25	−13.48
351	9 15 45.114	+160.646	− 0.222	− 0.232	−59 3 53.63	−1510.67	−14.71	+ 0.54
352	9 18 0.866	+365.388	− 2.638	− 1.810	+34 36 18.60	−1522.86	−33.77	+ 1.27
353	9 20 33.834	+185.827	+ 0.282	− 0.120	−54 47 47.17	−1537.56	−16.69	+ 0.95
354	9 25 7.795	+294.825	− 0.122	− 0.100	− 8 26 27.54	−1561.14	−26.21	+ 2.66
355	9 27 36.530	+472.671	−10.196	+ 1.553	+63 16 55.10	−1574.74	−41.97	+ 2.53
356	9 27 10.750	+247.656	+ 0.612	− 0.218	−35 43 54.95	−1575.91	−21.63	− 0.97
357	9 30 5.779	+529.969	−16.476	− 1.347	+70 3 6.42	−1583.09	−46.20	+ 7.51
358	9 29 31.476	+401.062	− 5.450	−10.307	+51 54 23.10	−1641.77	−34.15	−54.21
359	9 28 43.680	+236.309	+ 0.670	− 1.669	−40 14 49.12	−1576.22	−20.28	+ 7.07
360	9 31 9.965	+367.422	− 2.927	+ 0.043	+36 37 14.24	−1599.21	−31.71	− 2.94

Definitive Verbesserungen des NFK

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα (0.s001)	Δδ (0.″01)	Δμ (0.s00001)	Δμ′ (0.″0001)	Δα (0.s001)	Δδ (0.″01)	Δα (0.s001)	Δδ (0.″01)	Δα (0.s001)	Δδ (0.″01)
361	N Velr	− 87	− 18	− 58	+ 8	− 92	− 17	− 93	− 17	− 93	− 17
362	H Cari	+ 50	+ 25	+293	+ 87	+ 79	+ 33	+ 81	+ 34	+ 84	+ 35
363	Grb 1564 UMaj	−100	+ 4	− 98	− 6	−110	+ 3	−111	+ 2	−113	+ 2
364	κ Hyda	− 70	− 52	− 17	−130	− 72	− 65	− 72	− 66	− 72	− 67
365	o Leon	− 69	− 6	− 37	− 19	− 72	− 8	− 73	− 8	− 73	− 8
366	ϑ Antl	− 51	− 12	+ 21	− 49	− 49	− 17	− 49	− 17	− 48	− 18
367	ε Leon	− 65	+ 11	− 39	+ 6	− 68	+ 11	− 69	+ 11	− 70	+ 11
368	υ UMaj	−101	− 7	− 75	− 35	−108	− 11	−109	− 11	−109	− 12
369	†υ Cari[1])	− 28	+ 43	+116	+102	− 17	+ 53	− 15	+ 54	− 14	+ 55
370	6 Sext	− 78	+ 4	− 31	− 27	− 81	+ 1	− 81	+ 1	− 81	+ 1
371	μ Leon	− 49	− 17	+ 1	− 40	− 49	− 20	− 49	− 21	− 49	− 22
372	Grb 1586 UMaj	− 74	+ 15	− 47	+ 18	− 80	+ 15	− 81	+ 15	− 82	+ 16
373	183 G. Hyda	− 99	+106	− 65	+189	−105	+124	−105	+126	−106	+127
374	19 LMin	− 92	− 7	− 66	− 31	− 98	− 10	− 98	− 11	− 99	− 10
375	φ Velr[2])	− 41	+ 49	+ 44	+130	− 37	+ 62	− 37	+ 62	− 37	+ 64
376	12 Sext	− 78	− 43	− 21	− 90	− 80	− 51	− 80	− 52	− 80	− 53
377	η Antl	− 47	+ 3	+ 20	− 6	− 45	+ 3	− 45	+ 2	− 45	+ 2
378	π Leon	− 66	− 3	− 15	− 17	− 67	− 5	− 68	− 5	− 67	− 5
379	η Leon	− 57	+ 6	− 14	+ 3	− 59	+ 6	− 59	+ 6	− 59	+ 6
380	α Leon	− 50	+ 23	− 27	+ 30	− 52	+ 25	− 53	+ 26	− 53	+ 26
381	λ Hyda	− 79	− 18	− 38	− 65	− 83	− 24	− 83	− 25	− 83	− 25
382	191 G. Velr[3])	+ 34	− 7	+177	− 47	+ 51	− 12	+ 53	− 12	+ 55	− 13
383	λ UMaj	− 72	+ 27	− 47	+ 40	− 77	+ 30	− 77	+ 30	− 78	+ 31
384	ζ Leon	− 71	− 20	− 41	− 49	− 74	− 24	− 75	− 25	− 75	− 25
385	ω Cari[4])	−180	0	−165	+ 25	−196	+ 3	−198	+ 2	−200	+ 3
386	μ UMaj	− 73	+ 32	− 50	+ 47	− 78	+ 36	− 79	+ 36	− 79	+ 37
387	30 H. UMaj	− 50	− 27	+ 17	− 66	− 50	− 34	− 50	− 34	− 49	− 35
388	25 Sext	− 56	+ 33	+ 24	+ 26	− 53	+ 35	− 54	+ 35	− 54	+ 36
389	μ Hyda	− 80	+ 12	− 38	− 20	− 84	+ 10	− 84	+ 10	− 85	+ 9
390	β LMin[5])	− 86	− 11	− 61	− 29	− 92	− 14	− 92	− 14	− 93	− 15
391	J Cari	+129	− 68	+379	− 93	+165	− 77	+169	− 77	+173	− 79
392	α Antl	− 36	+ 38	+ 49	+ 51	− 31	+ 43	− 31	+ 43	− 31	+ 43
393	196 G. Cari[6])	− 2	+ 29	+116	+ 93	+ 9	+ 38	+ 10	+ 39	+ 11	+ 39
394	36 UMaj	− 78	− 5	− 26	− 25	− 80	− 8	− 81	− 8	− 81	− 8
395	9 H. Drac	− 67	− 20	− 9	− 51	− 72	− 25	− 72	− 26	− 73	− 26
396	ρ Leon	− 56	− 1	− 7	− 9	− 57	− 2	− 57	− 2	− 56	− 2
397	203 G. Cari[7])	−113	− 1	− 93	+ 41	−122	+ 3	−123	+ 3	−123	+ 3
398	37 UMaj	− 90	+ 1	− 47	− 15	− 95	0	− 95	− 1	− 96	− 1
399	44 Hyda	− 91	+ 10	− 53	− 25	− 96	+ 8	− 97	+ 8	− 97	+ 8
400	†222 G. Velr *m*[8])	+ 83	+ 62	+267	+143	+108	+ 75	+111	+ 77	+114	+ 79

[1]) *v* Argus [2]) *φ* Argus [3]) q Velr [4]) *ω* Argus [5]) 31 LMin [6]) s Cari [7]) p Cari [8]) p Velr

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ'
	h m s	s	s	s	° ′ ″	″	″	″
361	9 29 42.066	+182.328	+ 0.287	−0.423	−56 48 47.39	−1588.28	−15.49	+ 0.21
362	9 31 14.724	+ 45.148	− 5.782	−0.319	−72 51 32.53	−1597.49	− 3.27	− 0.79
363	9 38 0.034	+513.076	−15.741	−1.410	+69 27 59.70	−1639.09	−42.61	− 7.39
364	9 37 54.474	+287.623	+ 0.111	−0.196	−14 6 16.60	−1633.62	−23.65	− 2.39
365	9 38 29.006	+320.159	− 0.906	−0.977	+10 7 14.71	−1638.05	−26.24	− 3.90
366	9 41 58.238	+267.476	+ 0.550	−0.379	−27 32 23.27	−1648.59	−21.35	+ 3.03
367	9 43 0.990	+340.468	− 1.770	−0.345	+24 0 19.52	−1658.43	−27.20	− 1.65
368	9 47 27.076	+426.364	− 7.968	−3.857	+59 16 30.33	−1693.95	−32.96	−15.65
369	9 45 51.184	+150.075	− 0.465	−0.096	−64 50 22.08	−1669.73	−11.37	+ 0.88
370	9 48 42.819	+302.299	− 0.236	+0.047	− 4 0 29.53	−1687.57	−23.17	− 3.27
371	9 49 55.426	+341.120	− 1.937	−1.619	+26 14 36.07	−1696.02	−25.88	− 6.01
372	9 53 57.471	+535.620	−21.377	−1.832	+73 7 7.03	−1713.03	−39.94	− 4.32
373	9 52 30.616	+283.037	+ 0.337	−0.311	−18 46 18.37	−1706.79	−21.03	− 4.72
374	9 54 37.754	+367.308	− 3.535	−1.067	+41 17 40.84	−1714.76	−27.04	− 2.98
375	9 55 6.228	+210.667	+ 0.974	−0.164	−54 19 44.46	−1712.88	−15.17	+ 1.05
376	9 57 7.465	+311.157	− 0.551	−0.494	+ 3 37 28.48	−1721.20	−22.40	+ 1.83
377	9 56 43.340	+257.414	+ 0.875	−0.811	−35 39 3.58	−1723.69	−18.43	− 2.47
378	9 57 34.331	+317.007	− 0.787	−0.226	+ 8 17 5.71	−1727.68	−22.78	− 2.66
379	10 4 36.522	+327.010	− 1.274	−0.036	+17 0 26.13	−1756.11	−22.25	− 0.57
380	10 5 42.653	+319.466	− 0.978	−1.692	+12 12 44.48	−1759.91	−21.41	+ 0.26
381	10 8 8.955	+292.512	+ 0.160	−1.376	−12 6 22.46	−1779.58	−19.15	− 9.32
382	10 12 37.983	+251.879	+ 1.217	−1.365	−41 52 25.05	−1784.29	−15.73	+ 4.02
383	10 14 5.347	+361.681	− 3.755	−1.521	+43 9 53.45	−1798.49	−22.65	− 4.47
384	10 13 54.747	+333.590	− 1.716	+0.113	+23 40 1.93	−1794.56	−20.96	− 1.22
385	10 12 33.124	+142.878	− 0.774	−0.453	−69 47 21.37	−1787.79	− 8.62	+ 0.21
386	10 19 21.466	+357.288	− 3.530	−0.745	+41 45 6.23	−1811.21	−21.33	+ 2.88
387	10 20 32.989	+432.209	−11.309	−0.238	+65 49 12.48	−1821.01	−25.69	− 2.51
388	10 20 54.793	+303.214	− 0.130	−0.374	− 3 49 14.48	−1819.82	−17.72	+ 0.02
389	10 23 40.218	+290.204	+ 0.426	−0.889	−16 34 49.57	−1838.15	−16.44	− 8.35
390	10 24 59.877	+346.810	− 2.904	−1.017	+36 57 50.70	−1845.40	−19.52	−10.89
391	10 23 24.543	+119.168	− 2.339	−0.296	−73 46 36.58	−1831.49	− 6.31	− 2.62
392	10 24 51.648	+274.614	+ 1.004	−0.574	−30 48 44.93	−1832.53	−15.32	+ 1.50
393	10 26 2.304	+220.268	+ 1.684	−0.204	−58 29 1.07	−1838.64	−12.00	− 0.48
394	10 27 26.420	+383.694	− 6.471	−2.181	+56 14 15.71	−1846.54	−21.07	− 3.53
395	10 30 54.003	+509.074	−25.944	−0.960	+75 58 17.18	−1855.62	−27.28	− 0.93
396	10 30 10.763	+315.864	− 0.767	−0.062	+ 9 33 52.20	−1852.88	−16.79	− 0.59
397	10 30 14.476	+213.401	+ 1.740	−0.272	−61 25 39.46	−1851.59	−11.09	+ 0.91
398	10 31 57.322	+386.232	− 6.829	+0.778	+57 20 27.13	−1854.76	−20.35	+ 3.41
399	10 31 38.019	+285.416	+ 0.775	−0.074	−23 29 12.96	−1855.29	−14.86	+ 1.82
400	10 35 11.691	+252.156	+ 1.749	−1.569	−47 57 55.58	−1870.51	−12.41	− 1.91

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα (0.s001)	Δδ (0.''01)	Δμ (0.s00001)	Δμ' (0.''0001)	Δα (0.s001)	Δδ (0.''01)	Δα (0.s001)	Δδ (0.''01)	Δα (0.s001)	Δδ (0.''01)
401	γ Cham	−114	−63	− 79	− 99	−120	−73	−121	−73	−122	−75
402	225 G. Velr[1])	+190	+78	+545	+185	+243	+95	+247	+98	+253	+99
403	35 H. UMaj	− 10	+12	+107	+ 5	− 1	+12	0	+12	+ 1	+12
404	33 Sext	− 71	+ 7	− 2	− 3	− 72	+ 6	− 72	+ 6	− 72	+ 7
405	41 LMin	− 82	−34	− 46	− 76	− 86	−41	− 87	−42	− 87	−43
406	ϑ Cari[2])	− 43	+22	+ 19	+ 79	− 42	+29	− 41	+30	− 41	+31
407	42 LMin	− 91	−12	− 57	− 33	− 96	−15	− 96	−16	− 97	−16
408	†μ Velr[3])	+ 60	+70	+233	+161	+ 82	+85	+ 84	+87	+ 86	+89
409	53 Leon[4])	− 68	+17	− 15	+ 25	− 69	+19	− 69	+19	− 70	+20
410	ν Hyda	− 51	+23	+ 5	+ 2	− 51	+23	− 51	+23	− 51	+23
411	δ^2 Cham	−214	−41	−316	− 77	−243	−48	−247	−49	−250	−50
412	46 LMin	− 82	−13	− 59	− 31	− 87	−16	− 88	−16	− 88	−17
413	Br 1508 Drac	− 23	−23	+105	− 52	− 20	−28	− 19	−29	− 18	−29
414	ι Antl	− 48	+38	+ 49	+ 50	− 44	+43	− 44	+43	− 43	+43
415	239 G. Velr[5])	− 79	+15	− 27	− 3	− 82	+15	− 82	+15	− 82	+15
416	β UMaj	− 71	+18	− 37	+ 8	− 75	+19	− 75	+18	− 76	+18
417	α UMaj	− 58	+22	− 1	+ 1	− 59	+21	− 59	+22	− 58	+21
418	χ Leon	− 62	−12	− 8	− 33	− 63	−15	− 63	−16	− 62	−16
419	χ^1 Hyda[6])	+ 3	+31	+113	+ 24	+ 14	+33	+ 15	+34	+ 17	+33
420	ψ UMaj	− 76	+31	− 51	+ 47	− 81	+35	− 81	+36	− 82	+35
421	β Crat	− 42	−17	+ 37	− 55	− 39	−22	− 39	−23	− 38	−23
422	δ Leon	− 64	+11	− 40	+ 7	− 68	+11	− 69	+12	− 69	+12
423	ϑ Leon	− 48	− 2	− 2	− 6	− 48	− 3	− 48	− 3	− 48	− 3
424	Grb 1757 UMaj	− 57	+40	+ 27	+ 70	− 55	+46	− 55	+46	− 54	+47
425	ν UMaj	− 87	+ 9	− 67	+ 2	− 93	+ 8	− 94	+ 9	− 95	+ 9
426	δ Crat	− 40	+14	+ 30	− 8	− 38	+13	− 38	+13	− 37	+13
427	σ Leon	− 65	− 2	− 16	− 11	− 66	− 4	− 66	− 4	− 67	− 3
428	π Cent	− 17	+12	+102	+ 91	− 7	+20	− 7	+21	− 6	+22
429	Grb 1771 UMaj	− 74	−22	− 23	− 59	− 77	−28	− 77	−29	− 77	−29
430	†ι Leon	− 15	+33	+ 65	+ 51	− 9	+38	− 9	+38	− 8	+39
431	γ Crat	− 48	−32	+ 27	− 87	− 46	−40	− 45	−41	− 45	−42
432	58 UMaj	−104	+25	− 92	+ 37	−113	+28	−114	+29	−116	+28
433	λ Drac	− 54	+15	+ 9	+ 11	− 55	+15	− 55	+16	− 55	+16
434	ξ Hyda	− 22	+33	+ 69	+ 48	− 16	+37	− 15	+37	− 14	+38
435	C^2 Cent	+ 11	−20	+153	− 46	+ 26	−25	+ 27	−25	+ 28	−25
436	λ Cent	− 8	+33	+ 48	+117	− 4	+45	− 4	+46	− 4	+47
437	υ Leon	− 57	+26	+ 7	+ 26	− 56	+28	− 56	+28	− 57	+29
438	π Cham	−211	+39	−370	+121	−249	+50	−252	+52	−257	+54
439	ο Hyda	− 61	+19	+ 1	+ 22	− 61	+21	− 61	+21	− 61	+21
440	3 Drac	− 86	−22	− 61	− 51	− 93	−27	− 93	−28	− 94	−28

[1]) x Velr [2]) ϑ Argus [3]) μ Argus [4]) l Leon [5]) i Velr [6]) χ Hyda

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
401	10 34 53.645	+ 70.954	− 7.391	−1.250	−78 20 53.48	−1865.63	− 2.89	+ 2.02
402	10 37 18.672	+238.889	+ 2.027	−0.209	−55 20 32.72	−1875.43	−11.48	− 0.22
403	10 39 31.005	+429.136	−13.621	−0.079	+69 20 18.33	−1883.68	−20.72	− 1.74
404	10 38 51.527	+305.191	− 0.170	−0.941	− 1 28 41.49	−1892.48	−14.57	−12.53
405	10 40 42.017	+326.134	− 1.604	−0.850	+23 27 2.56	−1884.95	−15.28	+ 0.52
406	10 41 10.076	+214.157	+ 2.099	−0.242	−64 7 55.10	−1885.65	− 9.71	+ 1.20
407	10 43 5.331	+333.504	− 2.210	−0.207	+30 56 46.32	−1896.52	−15.20	− 4.07
408	10 44 36.812	+258.128	+ 2.028	+0.727	−49 9 19.55	−1901.67	−11.38	− 4.87
409	10 46 37.795	+315.314	− 0.774	−0.042	+10 48 37.01	−1905.21	−13.65	− 2.78
410	10 47 9.345	+296.074	+ 0.563	+0.667	−15 55 53.54	−1884.41	−12.71	+19.46
411	10 45 20.244	+ 56.235	−10.567	−1.534	−80 16 35.00	−1898.66	− 1.74	+ 0.18
412	10 50 31.232	+335.421	− 2.527	+0.694	+34 29 5.55	−1941.38	−13.82	−28.52
413	10 56 0.766	+478.683	−28.917	−2.456	+78 2 18.84	−1929.77	−18.31	− 3.13
414	10 54 22.982	+279.694	+ 1.601	+0.667	−36 52 6.79	−1935.88	−10.72	−13.21
415	10 57 51.258	+275.319	+ 1.913	+0.168	−41 57 26.48	−1931.42	− 9.94	− 0.39
416	10 58 50.238	+361.840	− 6.094	+0.970	+56 39 3.05	−1930.60	−13.13	+ 2.71
417	11 0 39.532	+369.990	− 7.823	−1.738	+62 1 16.80	−1944.58	−12.92	− 7.13
418	11 2 26.294	+309.448	− 0.522	−2.314	+ 7 36 24.16	−1946.24	−10.30	− 4.87
419	11 2 55.143	+289.102	+ 1.184	−1.427	−27 1 23.80	−1942.83	− 9.50	− 0.42
420	11 6 51.589	+337.165	− 3.562	−0.622	+44 46 12.68	−1953.72	−10.45	− 3.10
421	11 9 11.737	+295.159	+ 1.023	+0.033	−22 33 9.05	−1965.53	− 8.63	−10.31
422	11 11 27.088	+319.018	− 1.283	+1.021	+20 47 52.63	−1973.03	− 8.98	−13.57
423	11 11 37.062	+314.770	− 0.946	−0.429	+15 42 11.41	−1967.97	− 8.77	− 8.21
424	11 13 53.283	+337.927	− 4.227	−0.942	+49 44 58.02	−1965.36	− 8.98	− 1.53
425	11 15 46.942	+323.973	− 2.204	−0.227	+33 22 2.59	−1964.85	− 8.21	+ 2.22
426	11 16 50.298	+300.001	+ 0.678	−0.853	−14 30 27.77	−1948.86	− 7.32	+19.96
427	11 18 33.487	+309.341	− 0.374	−0.640	+ 6 18 13.16	−1972.90	− 7.25	− 1.32
428	11 18 43.159	+273.806	+ 3.158	−0.311	−54 13 0.10	−1972.22	− 6.30	− 0.39
429	11 19 54.066	+356.194	− 8.218	−0.126	+64 36 15.69	−1970.80	− 8.20	+ 2.86
430	11 21 19.128	+312.738	− 0.614	+1.127	+10 48 17.55	−1983.64	− 6.84	− 7.86
431	11 22 22.855	+299.792	+ 0.858	−0.689	−17 24 33.00	−1977.51	− 6.28	− 0.20
432	11 27 49.139	+324.515	− 3.113	−0.525	+43 26 52.32	−1976.98	− 5.77	+ 7.55
433	11 28 27.526	+355.854	−10.483	−0.782	+69 36 26.12	−1987.33	− 6.25	− 2.03
434	11 30 32.268	+295.191	+ 1.701	−1.606	−31 34 50.38	−1991.49	− 4.64	− 3.77
435	11 33 29.674	+290.863	+ 2.919	+0.283	−47 21 51.05	−1996.01	− 4.05	− 5.14
436	11 33 27.828	+276.831	+ 4.665	−0.534	−62 44 34.45	−1991.38	− 3.81	− 0.54
437	11 34 23.255	+307.200	+ 0.071	+0.015	− 0 32 51.13	−1987.90	− 4.15	+ 3.86
438	11 35 11.063	+247.819	+ 7.168	−3.191	−75 37 9.83	−1991.79	− 3.00	+ 0.73
439	11 37 43.462	+298.127	+ 1.982	−0.300	−34 28 2.24	−1994.49	− 3.36	+ 0.31
440	11 39 42.057	+334.368	− 8.187	−0.833	+67 1 18.23	−1992.96	− 3.45	+ 3.44

Definitive Verbesserungen des NFK

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα (0.s001)	Δδ (0."01)	Δμ (0.s00001)	Δμ′ (0."0001)	Δα (0.s001)	Δδ (0."01)	Δα (0.s001)	Δδ (0."01)	Δα (0.s001)	Δδ (0."01)
441	χ UMaj	− 83	+ 23	− 55	+ 38	− 89	+ 26	− 88	+ 26	− 89	+ 27
442	λ Musc	− 27	+ 33	+ 50	+ 99	− 23	+ 43	− 23	+ 43	− 22	+ 45
443	65 G. Cent	−124	+ 58	−164	+157	−140	+ 73	−142	+ 75	−144	+ 76
444	β Leon	− 50	− 8	− 17	− 9	− 52	− 9	− 52	− 9	− 52	− 10
445	β Virg	− 55	+ 19	− 3	+ 16	− 55	+ 20	− 56	+ 20	− 56	+ 20
446	B Cent	+ 59	+ 70	+235	+168	+ 81	+ 86	+ 83	+ 87	+ 85	+ 89
447	γ UMaj	− 64	+ 33	− 27	+ 34	− 66	+ 36	− 67	+ 36	− 67	+ 37
448	†ε Cham *m*	+ 92	+ 26	+235	+ 77	+111	+ 33	+113	+ 33	+115	+ 34
449	88 G. Cent	+ 50	+ 34	+243	+ 29	+ 73	+ 36	+ 76	+ 37	+ 77	+ 37
450	ο Virg	− 60	+ 45	− 12	+ 70	− 62	+ 51	− 61	+ 52	− 62	+ 52
451	Grb 1852 Caml	− 35	− 13	+ 50	− 35	− 33	− 17	− 33	− 17	− 32	− 17
452	δ Cent	− 2	+ 8	+111	+ 76	+ 9	+ 14	+ 10	+ 15	+ 11	+ 16
453	ε Corv	− 41	+ 7	+ 20	− 12	− 40	+ 6	− 39	+ 5	− 39	+ 6
454	Br 1634 Caml¹)	− 60	− 18	− 11	− 42	− 64	− 22	− 64	− 23	− 64	− 23
455	δ Cruc	− 31	+ 88	+ 67	+205	− 26	+108	− 25	+109	− 24	+112
456	δ UMaj	−118	+ 12	−102	+ 3	−128	+ 12	−130	+ 12	−131	+ 12
457	γ Corv	− 46	+ 16	+ 10	− 5	− 45	+ 15	− 45	+ 15	− 46	+ 15
458	2 CVen	−120	+ 37	−118	+ 61	−132	+ 42	−133	+ 43	−134	+ 43
459	β Cham	+ 28	+ 4	+111	+ 39	+ 34	+ 8	+ 35	+ 8	+ 36	+ 8
460	η Virg	− 59	+ 12	− 4	+ 6	− 59	+ 12	− 60	+ 13	− 60	+ 12
461	6 CVen	− 73	− 14	− 31	− 32	− 76	− 17	− 76	− 17	− 76	− 18
462	α Cruc *m*	− 9	+ 80	+ 51	+190	− 5	+ 98	− 5	+ 99	− 4	+102
463	323 G. Hyda	− 21	+103	+ 78	+187	− 14	+120	− 13	+122	− 12	+125
464	σ Cent	− 17	+ 39	+108	+119	− 7	+ 51	− 6	+ 52	− 4	+ 53
465	δ Corv	− 56	+ 11	− 10	− 11	− 58	+ 10	− 58	+ 9	− 58	+ 9
466	20 Coma	−101	+ 26	− 82	+ 44	−109	+ 29	−110	+ 30	−110	+ 30
467	74 UMaj	− 27	+ 11	+ 90	+ 2	− 19	+ 11	− 19	+ 11	− 18	+ 11
468	γ Cruc	+ 7	+ 50	+125	+139	+ 19	+ 64	+ 20	+ 64	+ 21	+ 66
469	γ Musc	− 99	+ 64	− 97	+154	−111	+ 79	−112	+ 81	−113	+ 82
470	β CVen²)	− 91	+ 48	− 73	+ 75	− 98	+ 54	− 99	+ 55	− 99	+ 56
471	β Corv	0	+ 22	+ 86	+ 15	+ 8	+ 23	+ 9	+ 24	+ 9	+ 24
472	κ Drac	− 61	+ 11	− 10	+ 6	− 62	+ 12	− 63	+ 12	− 63	+ 12
473	24 Coma *sq*	− 88	+ 11	− 59	+ 16	− 93	+ 12	− 93	+ 12	− 95	+ 12
474	α Musc	− 86	+ 89	− 87	+191	− 96	+107	− 97	+109	− 98	+111
475	χ Virg	− 71	+ 41	− 21	+ 44	− 73	+ 45	− 73	+ 45	− 73	+ 45
476	†γ Cent *m*	+ 18	+ 47	+135	+132	+ 30	+ 60	+ 33	+ 61	+ 33	+ 62
477	†γ Virg *m*	− 64	+ 29	− 26	+ 34	− 67	+ 32	− 67	+ 32	− 67	+ 32
478	76 UMaj	−112	− 15	−112	− 51	−123	− 20	−124	− 20	−126	− 21
479	330 G. Hyda	− 70	+ 70	− 14	+115	− 72	+ 81	− 72	+ 83	− 71	+ 84
480	†β Musc *m*	− 22	+ 37	+ 24	+ 88	− 21	+ 45	− 21	+ 45	− 21	+ 46

¹) 4 H. Drac ²) 8 CVen

Nr.	α	dα/dT	d²α/dT²	100 μ	δ	dδ/dT	d²δ/dT²	100 μ'
	h m s	s	s	s	° ′ ″	″	″	″
441	11 43 25.026	+316.692	− 3.428	−1.384	+48 3 24.14	−1996.68	− 2.47	+ 2.33
442	11 43 14.067	+283.435	+ 5.874	−1.484	−66 27 5.19	−1995.89	− 2.15	+ 3.00
443	11 44 4.924	+290.250	+ 4.860	−0.417	−60 54 0.91	−2001.35	− 2.08	− 1.92
444	11 46 30.608	+305.986	− 0.676	−3.425	+14 51 5.75	−2012.65	− 1.75	−11.86
445	11 48 5.385	+312.514	+ 0.007	+4.939	+ 2 2 47.58	−2029.01	− 1.55	−27.46
446	11 48 38.147	+299.851	+ 2.951	−0.877	−44 53 43.41	−2004.72	− 1.31	− 2.93
447	11 51 12.556	+315.416	− 4.186	+1.044	+53 58 21.97	−2002.21	− 0.92	+ 0.58
448	11 57 6.784	+298.051	+13.308	−1.396	−77 56 35.85	−2004.21	+ 0.31	− 0.11
449	12 1 3.700	+310.807	+ 2.957	+2.919	−42 9 14.63	−2016.19	+ 1.07	−11.96
450	12 2 39.708	+305.594	− 0.267	−1.486	+ 9 0 38.44	−1999.61	+ 1.37	+ 4.51
451	12 2 44.242	+304.684	−12.696	+4.373	+77 11 6.67	−2014.11	+ 1.39	− 9.99
452	12 5 45.444	+311.064	+ 3.919	−0.326	−50 26 38.19	−2004.68	+ 1.99	− 1.05
453	12 7 32.925	+308.646	+ 1.465	−0.490	−22 20 30.18	−2002.21	+ 2.33	+ 0.96
454	12 9 52.801	+280.695	−11.247	+0.215	+77 53 38.26	−2000.53	+ 2.62	+ 1.87
455	12 12 28.618	+318.738	+ 5.473	−0.440	−58 28 14.57	−2001.91	+ 3.38	− 0.62
456	12 12 57.571	+296.809	− 4.064	+1.249	+57 18 36.92	−2000.75	+ 3.31	+ 0.30
457	12 13 13.847	+308.611	+ 1.194	−1.112	−17 15 51.96	−1999.30	+ 3.44	+ 1.62
458	12 13 37.469	+300.581	− 2.206	+0.140	+40 56 18.00	−2004.63	+ 3.46	− 3.91
459	12 15 22.180	+352.206	+20.114	−1.335	−79 2 4.71	−1998.17	+ 4.28	+ 1.59
460	12 17 20.762	+306.971	+ 0.304	−0.424	− 0 23 20.66	−2000.76	+ 4.23	− 2.24
461	12 23 23.348	+295.487	− 1.921	−0.700	+39 17 44.72	−1997.78	+ 5.23	− 3.95
462	12 23 48.357	+333.920	+ 7.096	−0.391	−62 49 20.43	−1994.69	+ 5.89	− 1.23
463	12 24 13.182	+316.261	+ 2.324	−0.063	−32 33 10.81	−1996.10	+ 5.71	− 3.02
464	12 25 19.533	+324.609	+ 4.250	−0.250	−49 57 14.06	−1994.11	+ 6.06	− 2.08
465	12 27 16.385	+310.489	+ 1.221	−1.458	−16 14 14.18	−2004.41	+ 6.20	−14.33
466	12 27 12.574	+301.371	− 0.762	+0.174	+21 10 22.03	−1993.59	+ 6.06	− 3.44
467	12 27 37.631	+280.049	− 3.660	−0.870	+58 40 50.29	−1980.91	+ 5.74	+ 8.81
468	12 28 22.736	+332.964	+ 5.639	+0.386	−56 50 0.09	−2015.28	+ 6.85	−26.37
469	12 29 27.231	+358.667	+12.388	−0.921	−71 51 25.01	−1988.35	+ 7.53	− 0.62
470	12 31 22.291	+284.815	− 1.886	−6.307	+41 37 44.11	−1956.80	+ 6.36	+28.71
471	12 31 45.349	+315.248	+ 1.689	+0.041	−23 7 13.61	−1990.79	+ 7.19	− 5.74
472	12 31 21.541	+255.906	− 5.045	−1.172	+70 3 48.96	−1984.72	+ 5.91	+ 0.80
473	12 32 37.310	+300.889	− 0.586	−0.040	+18 39 7.43	−1981.98	+ 7.07	+ 2.01
474	12 34 10.728	+358.025	+10.514	−0.646	−68 51 36.67	−1983.27	+ 8.58	− 1.26
475	12 36 39.750	+309.697	+ 0.796	−0.515	− 7 43 14.59	−1981.94	+ 8.02	− 3.27
476	12 38 44.889	+330.988	+ 4.256	−1.918	−48 41 7.20	−1976.32	+ 8.91	− 0.64
477	12 39 7.455	+304.014	+ 0.462	−3.779	− 1 10 31.59	−1974.29	+ 8.28	+ 0.84
478	12 39 23.237	+261.948	− 3.640	−0.557	+62 59 14.03	−1976.92	+ 7.36	− 2.19
479	12 41 20.218	+319.825	+ 2.104	−0.273	−28 2 59.18	−1975.59	+ 9.20	− 3.84
480	12 43 11.511	+368.268	+10.459	−0.506	−67 50 5.04	−1971.01	+10.88	− 2.24

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα (0^{s}001)	Δδ (0$''$01)	Δμ (0^{s}00001)	Δμ′ (0$''$0001)	Δα (0^{s}001)	Δδ (0$''$01)	Δα (0^{s}001)	Δδ (0$''$01)	Δα (0^{s}001)	Δδ (0$''$01)
481	β Cruc	+ 18	+45	+128	+133	+ 30	+ 58	+ 31	+ 59	+ 33	+ 61
482	150 G. Cent[1])	+ 17	+82	+126	+123	+ 29	+ 94	+ 31	+ 95	+ 31	+ 96
483	ε UMaj	− 55	+24	− 21	+ 18	− 57	+ 25	− 58	+ 26	− 57	+ 25
484	δ Virg	− 44	+38	+ 11	+ 55	− 43	+ 42	− 43	+ 43	− 43	+ 44
485	α CVen *sq*[2])	− 56	+ 4	− 24	+ 2	− 59	+ 4	− 59	+ 4	− 59	+ 4
486	8 Drac	− 52	− 6	+ 3	− 24	− 53	− 8	− 53	− 9	− 52	− 9
487	δ Musc	+162	+ 2	+385	+ 50	+197	+ 7	+201	+ 6	+205	+ 7
488	ε Virg	− 54	+11	− 17	+ 14	− 56	+ 12	− 56	+ 12	− 56	+ 12
489	ξ^2 Cent	− 22	+81	+ 32	+184	− 20	+ 99	− 19	+100	− 18	+103
490	ϑ Virg	− 51	+35	+ 12	+ 42	− 50	+ 39	− 51	+ 39	− 50	+ 40
491	17 CVen	− 90	+43	− 51	+ 63	− 95	+ 48	− 95	+ 49	− 95	+ 50
492	β Coma[3])	− 67	− 3	− 23	− 14	− 69	− 5	− 70	− 5	− 69	− 5
493	η Musc	−183	+64	−240	+132	−207	+ 77	−210	+ 77	−213	+ 79
494	20 CVen	− 65	+55	− 27	+ 95	− 68	+ 65	− 68	+ 65	− 69	+ 66
495	γ Hyda	− 40	+39	+ 21	+ 47	− 38	+ 43	− 38	+ 44	− 38	+ 44
496	ι Cent	+ 20	+34	+128	+ 50	+ 32	+ 38	+ 33	+ 39	+ 35	+ 39
497	ζ UMaj *pr*	− 64	+ 4	− 32	− 2	− 68	+ 3	− 67	+ 3	− 68	+ 3
498	α Virg	− 31	+10	+ 13	+ 1	− 30	+ 10	− 29	+ 9	− 30	+ 10
499	Grb 2001 UMin	− 41	+15	+ 42	+ 16	− 37	+ 17	− 37	+ 17	− 37	+ 17
500	69 H. UMaj	− 66	− 7	− 10	− 41	− 67	− 11	− 67	− 12	− 67	− 12
501	ζ Virg	− 49	+12	+ 6	+ 10	− 49	+ 12	− 48	+ 13	− 48	+ 13
502	17 H. CVen	− 37	+13	+ 41	+ 19	− 33	+ 15	− 33	+ 14	− 32	+ 15
503	49 G. Cham	+ 7	− 5	+140	− 10	+ 17	− 6	+ 18	− 6	+ 19	− 7
504	ε Cent	+ 43	+89	+157	+194	+ 57	+108	+ 59	+109	+ 61	+111
505	Grb 2029 UMin	− 81	−22	− 38	− 51	− 84	− 27	− 84	− 28	− 85	− 28
506	1 Cent[4])	− 11	+39	+ 85	+ 70	− 4	+ 45	− 3	+ 46	− 2	+ 47
507	τ Boot	− 49	+36	+ 18	+ 58	− 48	+ 41	− 48	+ 42	− 47	+ 42
508	μ Cent	+ 5	−11	+ 94	− 52	+ 13	− 16	+ 14	− 17	+ 15	− 17
509	η UMaj	− 83	+39	− 68	+ 62	− 89	+ 45	− 90	+ 45	− 91	+ 45
510	89 Virg	− 65	−11	− 4	− 48	− 66	− 15	− 66	− 16	− 66	− 17
511	10 Drac[5])	− 84	−31	− 48	− 69	− 88	− 38	− 89	− 39	− 89	− 39
512	ζ Cent	+ 41	+95	+154	+189	+ 56	+113	+ 57	+115	+ 59	+117
513	η Boot	− 62	+10	− 27	+ 14	− 65	+ 11	− 65	+ 11	− 65	+ 11
514	294 G. Cent	− 81	+ 5	− 35	+ 37	− 85	+ 8	− 85	+ 9	− 86	+ 9
515	47 Hyda	− 50	+69	+ 20	+121	− 49	+ 81	− 48	+ 82	− 48	+ 83
516	τ Virg	− 66	+41	− 16	+ 58	− 67	+ 46	− 68	+ 47	− 68	+ 47
517	11 Boot	− 98	+33	− 60	+ 41	−104	+ 37	−104	+ 37	−105	+ 37
518	β Cent	− 37	+91	+ 31	+199	− 35	+110	− 35	+111	− 34	+113
519	π Hyda	− 29	+64	+ 42	+ 88	− 25	+ 71	− 25	+ 73	− 25	+ 73
520	ϑ Cent	+ 12	+59	+117	+ 86	+ 23	+ 67	+ 24	+ 67	+ 25	+ 69

[1]) n Cent [2]) 12 CVen sq [3]) 43 Coma [4]) i Cent [5]) i Drac

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
481	12 44 47.045	+350.756	+ 6.774	−0.467	−59 24 56.32	−1967.48	+10.75	− 1.36
482	12 50 39.519	+332.407	+ 3.289	+0.579	−39 54 26.17	−1958.00	+11.46	− 2.51
483	12 51 50.095	+263.856	− 2.631	+1.340	+56 13 51.27	−1954.12	+ 9.50	− 0.91
484	12 53 4.985	+302.219	+ 0.299	−3.141	+ 3 40 7.59	−1956.48	+10.84	− 5.75
485	12 53 41.481	+280.568	− 1.427	−2.009	+38 35 16.73	−1944.48	+10.23	+ 5.03
486	12 53 29.442	+238.704	− 3.049	−0.149	+65 42 33.56	−1953.51	+ 8.87	− 3.59
487	12 58 48.024	+413.102	+14.863	+5.719	−71 16 47.10	−1941.70	+16.29	− 3.05
488	12 59 41.213	+298.633	− 0.029	−1.864	+11 13 38.95	−1934.76	+11.96	+ 1.91
489	13 3 58.733	+350.330	+ 4.835	−0.318	−49 38 19.79	−1927.78	+14.88	− 1.11
490	13 7 21.473	+310.669	+ 0.816	−0.230	− 5 16 21.04	−1921.84	+13.92	− 3.52
491	13 7 45.555	+275.424	− 1.258	−0.641	+38 45 51.04	−1913.50	+12.49	+ 3.79
492	13 9 32.450	+279.938	− 0.733	−6.044	+28 7 51.89	−1825.05	+12.74	+87.65
493	13 11 49.983	+406.858	+11.903	−0.571	−67 37 48.75	−1908.25	+19.07	− 1.64
494	13 15 18.159	+268.964	− 1.235	−1.099	+40 50 7.30	−1895.28	+13.41	+ 1.76
495	13 16 11.891	+326.291	+ 1.921	+0.535	−22 54 29.93	−1899.37	+16.35	− 4.87
496	13 17 46.677	+337.369	+ 3.072	−2.811	−36 26 56.73	−1898.69	+17.04	− 8.74
497	13 21 54.917	+241.500	− 1.656	+1.399	+55 11 9.53	−1880.13	+13.19	− 2.53
498	13 22 33.310	+316.132	+ 1.181	−0.265	−10 54 3.39	−1878.95	+17.02	− 3.32
499	13 24 51.358	+152.951	+ 0.738	+0.388	+72 39 2.75	−1869.75	+ 8.88	− 1.32
500	13 26 37.112	+220.120	− 1.436	−1.101	+60 12 12.75	−1859.52	+12.57	+ 3.29
501	13 32 8.561	+305.740	+ 0.668	−1.898	− 0 20 27.56	−1840.89	+18.11	+ 3.55
502	13 32 33.915	+267.807	− 0.888	+0.683	+37 26 16.75	−1844.14	+16.16	− 1.15
503	13 34 51.991	+513.734	+25.235	−0.355	−75 25 47.29	−1836.46	+30.88	− 1.47
504	13 36 42.326	+380.293	+ 6.016	−0.217	−53 12 46.13	−1829.90	+23.46	− 1.43
505	13 35 58.642	+144.080	+ 1.249	−0.892	+71 29 46.83	−1831.62	+ 9.27	− 0.55
506	13 42 50.320	+341.042	+ 2.803	−3.629	−32 47 29.82	−1820.82	+22.11	−14.98
507	13 44 53.108	+285.098	− 0.024	−3.382	+17 42 18.84	−1794.63	+18.90	+ 3.38
508	13 46 35.652	+361.527	+ 3.963	−0.189	−42 13 31.46	−1793.79	+24.38	− 2.43
509	13 45 34.310	+236.373	− 0.955	−1.257	+49 33 44.14	−1796.77	+16.01	− 1.42
510	13 47 8.969	+326.065	+ 1.668	−0.695	−17 53 9.27	−1793.48	+22.14	− 4.31
511	13 49 58.220	+175.187	− 0.017	−0.044	+64 58 10.98	−1778.84	+12.55	− 0.92
512	13 52 24.507	+374.373	+ 4.766	−0.550	−47 2 34.72	−1772.15	+26.42	− 4.17
513	13 52 18.176	+285.667	− 0.005	−0.439	+18 38 51.32	−1804.66	+20.32	−36.25
514	13 54 0.396	+434.394	+10.278	−0.495	−63 26 33.08	−1764.45	+30.93	− 3.10
515	13 55 42.445	+336.771	+ 2.159	−0.322	−24 43 44.10	−1757.02	+24.46	− 2.82
516	13 59 5.943	+305.368	+ 0.669	+0.110	+ 1 47 8.49	−1742.05	+22.85	− 2.39
517	13 58 54.407	+272.020	− 0.286	−0.628	+27 37 38.34	−1739.30	+20.36	+ 1.20
518	14 0 16.520	+423.652	+ 8.612	−0.254	−60 7 57.89	−1736.56	+31.66	− 2.03
519	14 3 31.047	+341.772	+ 2.315	+0.340	−26 26 32.53	−1734.55	+26.32	−14.39
520	14 3 43.876	+353.184	+ 3.217	−4.273	−36 7 29.58	−1771.43	+26.88	−52.24

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα $(0^{s}.001)$	Δδ $(0''.01)$	Δμ $(0^{s}.00001)$	Δμ′ $(0''.0001)$	Δα $(0^{s}.001)$	Δδ $(0''.01)$	Δα $(0^{s}.001)$	Δδ $(0''.01)$	Δα $(0^{s}.001)$	Δδ $(0''.01)$
521	α Drac	− 94	− 8	− 61	− 31	− 99	− 11	−100	− 12	−101	− 11
522	12 *d* Boot[1])	− 93	+ 33	− 60	+ 51	− 98	+ 37	− 99	+ 38	−100	+ 38
523	ϰ Virg	− 57	+ 14	+ 3	+ 10	− 56	+ 14	− 56	+ 14	− 57	+ 15
524	4 UMin	− 43	− 18	+ 41	− 40	− 36	− 22	− 35	− 22	− 36	− 23
525	ι Virg	− 20	+ 29	+ 65	+ 30	− 14	+ 32	− 13	+ 32	− 13	+ 32
526	α Boot	− 38	+ 24	− 11	+ 39	− 39	+ 27	− 39	+ 28	− 40	+ 29
527	λ Boot	− 77	+ 38	− 44	+ 63	− 81	+ 43	− 81	+ 44	− 82	+ 45
528	ι Boot	− 83	+ 26	− 48	+ 37	− 88	+ 29	− 88	+ 30	− 88	+ 30
529	υ Cent	+ 72	+123	+246	+252	+ 95	+146	+ 97	+149	+100	+151
530	10 G. Circ	+ 67	+117	+177	+215	+ 82	+136	+ 84	+139	+ 86	+142
531	ϑ Boot	− 87	+ 28	− 58	+ 40	− 92	+ 31	− 93	+ 31	− 94	+ 33
532	52 Hyda	− 4	+ 27	+100	+ 44	+ 5	+ 31	+ 6	+ 31	+ 7	+ 32
533	φ Virg	− 67	+ 21	− 16	+ 36	− 69	+ 24	− 68	+ 24	− 69	+ 25
534	ρ Boot	− 76	+ 26	− 39	+ 40	− 79	+ 29	− 80	+ 30	− 80	+ 30
535	γ Boot	− 76	+ 31	− 51	+ 47	− 80	+ 35	− 81	+ 35	− 81	+ 36
536	Grb 2125 Drac	−131	− 8	−139	− 42	−145	− 12	−146	− 12	−147	− 13
537	η Cent	− 19	+ 23	+ 63	+ 16	− 14	+ 24	− 13	+ 24	− 12	+ 25
538	α Cent *cg*	+ 33	− 15	+ 72	+ 47	+ 39	− 11	+ 40	− 11	+ 41	− 10
539	α Circ	+ 60	− 13	+242	+ 19	+ 83	− 12	+ 85	− 11	+ 87	− 11
540	33 Boot	− 65	+ 37	− 5	+ 63	− 66	+ 42	− 65	+ 43	− 66	+ 44
541	α Lupi	− 27	+ 83	+ 45	+171	− 23	+ 99	− 22	+100	− 23	+103
542	α Apds	+219	+ 69	+476	+138	+259	+ 82	+263	+ 83	+268	+ 84
543	†ζ Boot *m*	− 64	+ 42	− 13	+ 67	− 65	+ 48	− 66	+ 48	− 65	+ 49
544	371 G. Cent[2])	− 7	+ 72	+ 92	+119	+ 2	+ 84	+ 2	+ 85	+ 3	+ 86
545	μ Virg	− 45	+ 31	+ 20	+ 47	− 44	+ 34	− 43	+ 36	− 43	+ 36
546	30 G. Lupi[3])	− 42	+ 52	− 2	+ 99	− 42	+ 61	− 42	+ 62	− 42	+ 62
547	109 Virg	− 55	+ 51	+ 2	+ 79	− 55	+ 58	− 55	+ 59	− 54	+ 59
548	α^2 Libr[4])	− 23	+ 25	+ 43	+ 25	− 20	+ 26	− 18	+ 27	− 18	+ 28
549	Grb 2164 Drac	− 59	+ 37	+ 24	+ 50	− 57	+ 42	− 57	+ 42	− 57	+ 42
550	β UMin	−106	+ 22	− 63	+ 22	−110	+ 24	−111	+ 24	−112	+ 24
551	P. XIV 221 Boot	− 68	+ 68	− 2	+140	− 68	+ 81	− 68	+ 83	− 68	+ 85
552	β Lupi	+ 28	+ 93	+139	+197	+ 41	+111	+ 43	+114	+ 45	+115
553	ϰ Cent	− 27	+ 50	+ 61	+ 52	− 21	+ 54	− 21	+ 55	− 20	+ 55
554	2 H. UMin	− 27	− 33	+ 93	− 76	− 19	− 40	− 17	− 41	− 17	− 41
555	β Boot	− 73	+ 55	− 37	+ 97	− 77	+ 64	− 77	+ 65	− 77	+ 67
556	σ Libr[5])	− 31	+ 48	+ 43	+ 77	− 27	+ 54	− 27	+ 55	− 26	+ 56
557	ψ Boot	− 71	+ 38	− 21	+ 65	− 72	+ 43	− 73	+ 44	− 73	+ 46
558	ζ Lupi	+ 17	+ 4	+120	+ 59	+ 29	+ 9	+ 30	+ 9	+ 31	+ 10
559	ι Libr	− 35	+ 40	+ 50	+ 51	− 30	+ 44	− 30	+ 45	− 29	+ 45
560	γ TriA	− 72	+ 41	− 39	+ 97	− 76	+ 51	− 76	+ 52	− 76	+ 52

[1]) d Boot [2]) c^1 Cent [3]) b Lupi [4]) *α* Libr [5]) *γ* Scor

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ'
	h m s	s	s	s	° ′ ″	″	″	″
521	14 3 1.961	+162.436	+ 0.505	− 0.888	+64 36 51.49	−1721.00	+12.78	+ 1.32
522	14 8 7.066	+273.610	− 0.146	− 0.177	+25 19 39.83	−1705.59	+21.87	− 6.43
523	14 10 13.453	+320.105	+ 1.242	+ 0.046	−10 2 30.89	−1675.79	+25.83	+ 13.53
524	14 9 0.547	− 23.060	+14.283	− 1.080	+77 46 56.66	−1692.23	− 1.16	+ 2.79
525	14 13 23.339	+314.673	+ 1.074	− 0.066	− 5 45 45.96	−1717.05	+25.92	− 42.78
526	14 13 22.762	+273.656	+ 0.271	− 7.746	+19 26 31.00	−1874.11	+22.00	−199.80
527	14 14 28.979	+228.046	− 0.467	− 1.816	+46 19 1.95	−1653.18	+18.97	+ 15.80
528	14 14 23.679	+212.414	− 0.392	− 1.633	+51 35 50.04	−1660.50	+17.72	+ 8.92
529	14 16 48.895	+419.123	+ 7.109	− 0.223	−56 9 26.27	−1659.04	+35.03	− 1.42
530	14 20 55.553	+497.584	+14.216	− 0.232	−67 58 9.74	−1638.57	+42.52	− 1.44
531	14 23 29.617	+204.213	− 0.095	− 2.602	+52 4 52.28	−1664.17	+17.92	− 40.10
532	14 25 14.269	+351.485	+ 2.526	− 0.185	−29 16 4.76	−1617.69	+31.01	− 2.59
533	14 25 37.370	+309.186	+ 0.891	− 0.917	− 2 0 17.23	−1613.49	+27.36	− 0.39
534	14 29 40.447	+258.536	− 0.136	− 0.795	+30 35 24.17	−1580.14	+23.51	+ 11.68
535	14 30 3.842	+241.557	− 0.257	− 0.984	+38 31 34.13	−1574.85	+22.04	+ 14.90
536	14 30 21.179	+162.867	+ 0.620	− 0.722	+60 26 43.15	−1586.79	+15.09	+ 1.41
537	14 32 19.308	+381.073	+ 3.916	− 0.299	−41 56 21.69	−1581.12	+34.90	− 3.48
538	14 36 11.309	+408.006	+ 7.398	−48.890	−60 37 49.26	−1485.80	+34.75	+ 70.76
539	14 38 26.360	+485.074	+11.378	− 2.952	−64 45 32.32	−1567.81	+45.42	− 23.72
540	14 36 58.522	+223.235	− 0.173	− 0.678	+44 37 10.49	−1554.18	+21.18	− 1.96
541	14 38 35.534	+399.158	+ 4.752	− 0.157	−47 10 29.23	−1545.12	+37.76	− 1.88
542	14 41 32.974	+745.896	+45.105	− 0.083	−78 50 5.73	−1528.69	+71.08	− 2.08
543	14 38 45.542	+286.501	+ 0.339	+ 0.358	+13 56 30.45	−1544.29	+27.36	− 1.98
544	14 40 35.441	+367.040	+ 3.040	− 0.520	−34 57 34.48	−1550.63	+35.10	− 18.60
545	14 40 25.285	+316.239	+ 1.080	+ 0.712	− 5 26 30.97	−1565.14	+30.41	− 32.16
546	14 43 30.545	+419.707	+ 5.834	− 0.244	−52 10 23.61	−1523.70	+40.66	− 8.26
547	14 43 43.092	+303.370	+ 0.752	− 0.744	+ 2 6 8.90	−1517.40	+29.54	− 3.15
548	14 48 6.448	+331.969	+ 1.558	− 0.731	−15 50 6.64	−1495.95	+32.95	− 7.13
549	14 50 10.026	+152.303	+ 0.886	− 1.675	+59 29 47.60	−1463.31	+15.47	+ 13.40
550	14 50 49.647	− 17.224	+ 9.677	− 0.842	+74 21 35.53	−1471.91	− 1.16	+ 0.89
551	14 53 51.497	+283.200	+ 0.367	− 0.104	+14 38 50.27	−1455.10	+29.00	− 0.41
552	14 55 14.762	+393.016	+ 3.928	− 0.371	−42 56 1.89	−1450.38	+40.23	− 4.07
553	14 55 53.913	+390.438	+ 3.776	− 0.147	−41 54 17.69	−1445.17	+40.11	− 2.81
554	14 56 46.798	+ 95.447	+ 2.743	− 1.377	+66 7 52.13	−1434.41	+10.17	+ 2.59
555	15 0 3.671	+225.966	+ 0.024	− 0.397	+40 35 12.74	−1420.18	+23.86	− 3.33
556	15 1 8.245	+351.251	+ 2.086	− 0.527	−25 5 12.39	−1414.96	+36.92	− 4.78
557	15 2 18.094	+257.079	+ 0.136	− 1.329	+27 8 29.71	−1403.84	+27.22	− 0.92
558	15 8 40.734	+431.141	+ 5.474	− 1.205	−51 54 37.62	−1369.26	+46.54	− 6.70
559	15 9 21.941	+342.059	+ 1.706	− 0.266	−19 36 13.70	−1362.38	+37.21	− 4.24
560	15 14 12.620	+560.493	+14.025	− 1.050	−68 29 48.58	−1329.41	+61.69	− 2.73

Definitive Verbesserungen des NFK

Nr.	Name	1925.0 Δα (0ˢ.001)	1925.0 Δδ (0″.01)	1925.0 Δμ (0ˢ.00001)	1925.0 Δμ′ (0″.0001)	1934.5 Δα (0ˢ.001)	1934.5 Δδ (0″.01)	1935.5 Δα (0ˢ.001)	1935.5 Δδ (0″.01)	1936.5 Δα (0ˢ.001)	1936.5 Δδ (0″.01)
561	β Circ	− 29	+ 32	+ 36	+109	− 26	+ 42	− 26	+ 43	− 25	+ 44
562	3 Serp	− 75	+ 45	− 16	+ 80	− 76	+ 52	− 77	+ 53	− 77	+ 54
563	δ Boot	− 93	+ 19	− 68	+ 31	− 99	+ 22	− 99	+ 21	−101	+ 22
564	β Libr	− 58	+ 33	− 12	+ 45	− 59	+ 37	− 59	+ 37	− 60	+ 38
565	1 H. UMin	−148	+ 23	−164	+ 37	−163	+ 26	−164	+ 26	−166	+ 26
566	φ^1 Lupi	− 34	+ 54	+ 36	+ 77	− 31	+ 60	− 30	+ 61	− 30	+ 62
567	$\varkappa^1$ Apds	− 3	+ 8	+ 91	+ 31	+ 5	+ 10	+ 6	+ 11	+ 7	+ 11
568	μ Boot *pr*	− 60	+ 12	− 10	+ 29	− 61	+ 15	− 61	+ 15	− 61	+ 15
569	γ UMin	−160	+ 18	−151	+ 26	−174	+ 20	−175	+ 21	−177	+ 20
570	τ^1 Serp	− 66	+ 51	− 7	+ 98	− 66	+ 60	− 66	+ 62	− 66	+ 63
571	ι Drac	−119	0	−108	− 15	−130	− 2	−131	− 1	−132	− 2
572	β CorB	− 87	+ 36	− 65	+ 67	− 93	+ 41	− 94	+ 42	− 95	+ 43
573	ν^1 Boot	− 80	+ 34	− 39	+ 58	− 84	+ 40	− 84	+ 40	− 84	+ 40
574	ε TriA	+ 44	+ 53	+149	+124	+ 58	+ 65	+ 60	+ 66	+ 62	+ 67
575	†γ Lupi *m*	+ 18	+ 70	+130	+ 92	+ 31	+ 78	+ 32	+ 79	+ 34	+ 80
576	ϑ CorB	− 61	+ 47	− 14	+ 84	− 63	+ 54	− 63	+ 55	− 63	+ 56
577	γ Libr	− 58	− 6	0	− 17	− 58	− 8	− 58	− 8	− 58	− 8
578	α CorB	− 62	+ 37	− 28	+ 65	− 64	+ 43	− 65	+ 43	− 65	+ 44
579	υ Libr[1]	− 11	+ 54	+ 80	+ 85	− 4	+ 62	− 3	+ 63	− 2	+ 63
580	φ Boot	− 93	+ 23	− 57	+ 39	− 98	+ 27	− 99	+ 27	−100	+ 28
581	†γ CorB	− 94	+ 49	− 64	+ 84	−100	+ 57	−101	+ 57	−101	+ 58
582	α Serp	− 46	+ 14	+ 7	+ 29	− 45	+ 16	− 46	+ 17	− 45	+ 16
583	β Serp	− 68	+ 33	− 28	+ 63	− 71	+ 38	− 71	+ 39	− 71	+ 40
584	ϰ Serp	− 72	+ 51	− 32	+ 90	− 75	+ 59	− 76	+ 60	− 75	+ 61
585	μ Serp	− 39	+ 24	+ 18	+ 34	− 38	+ 26	− 37	+ 27	− 37	+ 28
586	χ Lupi	− 19	− 20	+ 68	− 21	− 12	− 22	− 12	− 22	− 11	− 22
587	12 H. Drac	−107	+ 14	− 76	+ 5	−114	+ 14	−114	+ 14	−115	+ 14
588	ε Serp	− 50	+ 19	+ 9	+ 33	− 49	+ 22	− 49	+ 22	− 49	+ 23
589	β TriA	− 91	+ 52	− 49	+142	− 95	+ 65	− 96	+ 67	− 96	+ 68
590	ζ UMin	−123	− 17	− 79	− 37	−128	− 21	−129	− 21	−130	− 22
591	γ Serp	− 61	+ 39	− 15	+ 76	− 63	+ 46	− 62	+ 47	− 62	+ 47
592	π Scor	+ 1	+ 86	+ 84	+121	+ 9	+ 98	+ 10	+ 98	+ 10	+100
593	ε CorB	− 54	+ 24	+ 5	+ 43	− 53	+ 28	− 54	+ 28	− 54	+ 28
594	δ Scor	− 33	+ 63	+ 27	+ 92	− 30	+ 71	− 30	+ 72	− 30	+ 73
595	Grb 2296 Drac	− 63	− 7	+ 17	− 43	− 62	− 11	− 61	− 11	− 61	− 12
596	δ Norm	− 7	+122	+ 92	+245	+ 1	+145	+ 2	+148	+ 3	+150
597	β Scor *pr*	− 19	+ 39	+ 50	+ 50	− 14	+ 43	− 14	+ 44	− 14	+ 44
598	ϑ Drac	−119	− 11	− 98	− 32	−127	− 14	−129	− 15	−130	− 15
599	ϑ Lupi	+ 9	+ 30	+117	+ 52	+ 21	+ 35	+ 22	+ 35	+ 23	+ 35
600	ϰ Norm	+104	+167	+309	+391	+134	+204	+137	+208	+140	+212

[1]) 3 H. Scor

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ'
	h m s	s	s	s	° ′ ″	″	″	″
561	15 13 34.866	+469.854	+ 7.499	−1.258	−58 36 58.36	−1344.63	+51.64	− 13.82
562	15 12 42.047	+298.258	+ 0.667	−0.141	+ 5 7 25.65	−1336.41	+32.94	+ 0.14
563	15 13 29.119	+241.881	+ 0.122	+0.660	+33 30 1.10	−1343.25	+26.99	− 11.82
564	15 14 18.730	+322.897	+ 1.178	−0.657	− 9 11 58.93	−1328.29	+35.79	− 2.28
565	15 14 3.235	+ 68.961	+ 3.827	+3.717	+67 32 10.81	−1366.77	+ 8.50	− 39.06
566	15 18 37.483	+380.754	+ 2.890	−0.785	−36 4 53.14	−1306.22	+42.75	− 8.71
567	15 26 1.106	+654.264	+20.793	+0.150	−73 13 8.00	−1250.99	+75.18	− 3.44
568	15 22 36.001	+226.654	+ 0.152	−1.241	+37 33 5.48	−1262.51	+25.95	+ 8.31
569	15 20 47.354	− 9.303	+ 7.184	−0.475	+72 0 43.01	−1281.15	− 0.55	+ 1.87
570	15 23 28.112	+278.268	+ 0.409	−0.116	+15 36 9.46	−1266.30	+31.99	− 1.37
571	15 23 48.752	+133.503	+ 1.303	−0.155	+59 8 26.15	−1261.30	+15.63	+ 1.30
572	15 25 45.948	+247.371	+ 0.196	−1.377	+29 16 37.20	−1241.07	+28.57	+ 8.21
573	15 29 7.886	+215.503	+ 0.215	+0.065	+41 0 9.42	−1226.85	+25.39	− 0.72
574	15 32 7.088	+549.258	+11.210	+0.447	−66 9 4.31	−1212.27	+64.53	− 6.91
575	15 31 47.980	+399.902	+ 3.283	−0.128	−41 0 0.87	−1210.62	+47.02	− 3.02
576	15 30 54.695	+241.913	+ 0.205	−0.188	+31 31 36.30	−1215.57	+28.56	− 1.79
577	15 32 43.473	+335.671	+ 1.350	+0.433	−14 37 27.27	−1200.98	+39.73	+ 0.14
578	15 32 34.152	+254.029	+ 0.251	+0.899	+26 52 54.75	−1211.35	+30.25	− 9.13
579	15 33 58.967	+364.329	+ 2.076	−0.035	−27 58 15.42	−1192.50	+43.18	− 0.20
580	15 36 1.745	+215.467	+ 0.229	+0.523	+40 30 54.81	−1172.27	+25.97	+ 5.60
581	15 40 38.463	+251.960	+ 0.268	−0.802	+26 27 10.32	−1140.78	+30.53	+ 4.22
582	15 41 48.158	+295.548	+ 0.613	+0.919	+ 6 34 53.94	−1132.10	+36.07	+ 4.55
583	15 43 52.677	+276.935	+ 0.433	+0.478	+15 34 37.38	−1126.46	+33.99	− 4.81
584	15 46 29.226	+270.094	+ 0.397	−0.344	+18 17 41.24	−1111.59	+33.31	− 8.92
585	15 47 0.455	+313.152	+ 0.880	−0.577	− 3 16 43.02	−1101.71	+38.56	− 2.84
586	15 47 46.451	+381.300	+ 2.349	−0.085	−33 28 35.34	−1096.50	+47.03	− 3.24
587	15 45 53.823	+ 91.499	+ 2.203	+0.480	+62 45 12.96	−1113.05	+11.65	− 6.08
588	15 48 19.249	+299.099	+ 0.652	+0.849	+ 4 37 36.91	−1082.95	+37.16	+ 6.30
589	15 50 42.960	+528.807	+ 8.631	−2.817	−63 16 42.46	−1110.97	+65.24	− 39.37
590	15 45 47.838	−213.771	+19.503	+0.517	+77 56 57.08	−1108.12	−25.44	− 0.41
591	15 54 8.468	+277.155	+ 0.576	+2.129	+15 49 24.61	−1174.79	+35.17	−128.62
592	15 55 49.300	+363.028	+ 1.762	−0.064	−25 58 18.07	−1036.10	+45.76	− 2.49
593	15 55 30.921	+248.383	+ 0.309	−0.607	+27 1 17.35	−1042.33	+31.36	− 6.43
594	15 57 22.325	+354.840	+ 1.564	−0.053	−22 28 51.55	−1024.67	+44.91	− 2.70
595	15 56 35.977	+142.313	+ 0.952	−1.854	+54 53 25.14	−1017.19	+18.01	+ 10.58
596	16 2 56.888	+424.090	+ 3.256	+0.037	−45 2 21.55	− 976.67	+54.35	+ 3.05
597	16 2 31.511	+348.927	+ 1.391	−0.025	−19 40 12.56	− 985.15	+44.74	− 2.20
598	16 0 56.837	+112.438	+ 1.339	−4.130	+58 41 53.64	− 961.44	+14.12	+ 33.51
599	16 3 18.092	+394.016	+ 2.403	−0.169	−36 40 4.60	− 980.58	+50.54	− 3.56
600	16 9 31.335	+473.215	+ 4.695	−0.110	−54 30 11.51	− 931.77	+61.49	− 2.60

Nr.	Name	1925.0 Δα (0.ˢ001)	1925.0 Δδ (0.″01)	1925.0 Δμ (0.ˢ00001)	1925.0 Δμ′ (0.″0001)	1934.5 Δα (0.ˢ001)	1934.5 Δδ (0.″01)	1935.5 Δα (0.ˢ001)	1935.5 Δδ (0.″01)	1936.5 Δα (0.ˢ001)	1936.5 Δδ (0.″01)
601	φ Herc	− 83	+ 22	− 51	+ 35	− 88	+ 25	− 89	+ 26	− 89	+ 26
602	δ TriA	− 51	+ 32	+ 24	+112	− 49	+ 43	− 48	+ 44	− 48	+ 44
603	δ Ophi	− 50	+ 24	− 8	+ 40	− 51	+ 27	− 51	+ 28	− 51	+ 29
604	γ² Norm	+ 52	+ 15	+198	+ 78	+ 71	+ 22	+ 73	+ 23	+ 75	+ 23
605	ε Ophi	− 38	+ 50	+ 17	+ 78	− 36	+ 57	− 36	+ 57	− 36	+ 58
606	19 UMin	−136	+ 10	−107	+ 9	−146	+ 10	−147	+ 10	−148	+ 10
607	σ Scor	− 26	+ 59	+ 42	+ 91	− 22	+ 67	− 22	+ 68	− 22	+ 69
608	τ Herc	− 73	+ 28	− 32	+ 47	− 76	+ 32	− 76	+ 33	− 76	+ 33
609	γ Herc	− 45	+ 16	+ 13	+ 36	− 44	+ 19	− 44	+ 20	− 44	+ 20
610	ζ TriA	+173	+ 72	+375	+199	+210	+ 90	+214	+ 93	+217	+ 95
611	γ Apds	−212	+ 6	−235	+ 47	−229	+ 9	−232	+ 9	−234	+ 10
612	η UMin	−123	− 29	− 76	− 52	−129	− 35	−130	− 34	−130	− 36
613	ω Herc	− 61	+ 49	− 11	+ 93	− 62	+ 57	− 62	+ 58	− 62	+ 59
614	Grb 2343 Drac	−109	+ 9	− 66	− 10	−115	+ 8	−116	+ 8	−116	+ 8
615	†η Drac	− 75	− 4	− 15	− 22	− 77	− 6	− 76	− 6	− 77	− 7
616	α Scor	− 13	+ 35	+ 43	+ 58	− 9	+ 40	− 9	+ 40	− 8	+ 41
617	†λ Ophi *m*	− 40	+ 93	+ 22	+158	− 38	+108	− 38	+110	− 38	+111
618	β Herc	− 58	+ 23	− 28	+ 49	− 61	+ 27	− 60	+ 28	− 61	+ 28
619	A Drac	− 80	+ 1	− 15	− 4	− 81	0	− 82	0	− 81	0
620	τ Scor	− 18	+ 51	+ 55	+ 85	− 13	+ 58	− 13	+ 59	− 12	+ 60
621	σ Herc	− 90	+ 30	− 61	+ 48	− 95	+ 35	− 97	+ 35	− 97	+ 36
622	ζ Ophi	− 48	+ 14	− 8	+ 18	− 48	+ 16	− 49	+ 16	− 49	+ 15
623	Grb 2373 UMin	− 94	+ 2	− 10	− 2	− 95	+ 1	− 95	+ 1	− 95	+ 1
624	Br 2114 Ophi¹)	− 46	+ 3	+ 25	− 5	− 43	+ 2	− 44	+ 2	− 43	+ 2
625	α TriA	+ 50	+ 67	+184	+156	+ 69	+ 82	+ 71	+ 83	+ 72	+ 84
626	η Herc	− 79	− 1	− 59	+ 9	− 84	− 1	− 85	0	− 85	0
627	Grb 2377 Drac	−121	+ 47	−108	+ 70	−132	+ 53	−133	+ 54	−134	+ 55
628	ε Scor	+ 23	+ 18	+107	+ 36	+ 34	+ 21	+ 35	+ 21	+ 37	+ 22
629	49 Herc	− 74	+ 43	− 25	+ 91	− 76	+ 51	− 76	+ 52	− 76	+ 53
630	†ζ² Scor	+ 57	+ 33	+204	+ 34	+ 77	+ 36	+ 79	+ 36	+ 81	+ 37
631	ζ Arae	− 15	+ 52	+ 98	+150	− 5	+ 67	− 3	+ 68	− 2	+ 70
632	ε¹ Arae	+ 57	+118	+199	+253	+ 77	+142	+ 79	+144	+ 80	+147
633	κ Ophi	− 47	+ 24	− 3	+ 51	− 47	+ 28	− 47	+ 29	− 48	+ 30
634	ε Herc	− 77	+ 24	− 53	+ 48	− 82	+ 28	− 82	+ 29	− 83	+ 29
635	60 Herc	− 57	+ 28	− 6	+ 63	− 58	+ 34	− 58	+ 34	− 57	+ 35
636	Grb 2415 Herc	− 88	− 16	− 47	− 46	− 92	− 20	− 93	− 21	− 93	− 21
637	†η Ophi *m*	− 24	+ 28	+ 27	+ 35	− 21	+ 31	− 21	+ 31	− 21	+ 31
638	η Scor	− 42	+ 55	+ 42	+150	− 38	+ 69	− 37	+ 71	− 37	+ 72
639	ζ Drac	− 87	+ 3	− 35	− 3	− 90	+ 2	− 91	+ 3	− 91	+ 2
640	†α Herc *pr*	− 42	+ 40	+ 1	+ 79	− 42	+ 47	− 42	+ 48	− 42	+ 48

¹) 24 Scor

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
601	16 7 11.506	+189.024	+ 0.444	−0.280	+45 3 54.22	−943.73	+ 24.65	+ 3.45
602	16 10 52.097	+546.238	+ 7.654	+0.100	−63 33 37.15	−920.19	+ 71.16	− 1.47
603	16 11 43.329	+314.436	+ 0.815	−0.308	− 3 34 1.48	−926.65	+ 41.16	−14.57
604	16 16 5.305	+448.952	+ 3.651	−1.702	−50 2 5.61	−883.29	+ 58.98	− 5.38
605	16 15 40.349	+317.470	+ 0.802	+0.546	− 4 34 19.54	−877.25	+ 42.02	+ 3.93
606	16 12 13.183	−170.703	+12.347	−0.147	+76 0 15.35	−906.87	− 21.81	+ 1.34
607	16 18 8.661	+364.734	+ 1.509	−0.069	−25 28 28.28	−864.13	+ 48.38	− 2.41
608	16 18 14.125	+180.360	+ 0.500	−0.122	+46 25 53.58	−857.29	+ 24.10	+ 3.71
609	16 19 42.733	+264.665	+ 0.378	−0.352	+19 16 9.40	−844.96	+ 35.25	+ 4.36
610	16 23 3.891	+645.658	+11.191	+4.033	−69 58 28.53	−812.19	+ 86.70	+10.48
611	16 25 42.770	+921.136	+30.702	−4.076	−78 47 20.26	−808.28	+122.86	− 6.78
612	16 18 56.282	−175.028	+11.229	−2.307	+75 52 16.63	−830.45	− 23.01	+25.00
613	16 23 6.355	+276.887	+ 0.445	+0.274	+14 8 49.37	−828.24	+ 37.19	− 5.90
614	16 23 19.502	+131.283	+ 0.997	+0.128	+55 19 5.16	−818.88	+ 17.82	+ 1.71
615	16 23 18.481	+ 81.321	+ 1.803	−0.301	+61 37 37.08	−814.89	+ 11.13	+ 5.84
616	16 26 20.246	+367.962	+ 1.456	−0.025	−26 19 21.96	−798.75	+ 49.54	− 2.26
617	16 28 23.340	+302.626	+ 0.621	−0.205	+ 2 5 31.07	−787.44	+ 40.93	− 7.45
618	16 28 4.104	+257.908	+ 0.363	−0.722	+21 35 50.19	−784.17	+ 34.85	− 1.59
619	16 28 4.180	− 11.602	+ 4.003	−0.530	+68 52 34.87	−779.12	− 1.29	+ 3.44
620	16 32 45.904	+373.554	+ 1.457	−0.051	−28 6 50.59	−747.07	+ 50.86	− 2.47
621	16 32 29.330	+193.427	+ 0.409	−0.124	+42 32 21.06	−742.52	+ 26.46	+ 4.33
622	16 34 24.138	+330.394	+ 0.846	+0.083	−10 28 2.77	−728.89	+ 45.17	+ 2.40
623	16 32 45.669	−257.713	+13.612	−3.281	+77 32 50.03	−717.29	− 35.00	+27.34
624	16 38 40.634	+347.026	+ 1.008	−0.160	−17 38 49.53	−696.66	+ 47.70	− 0.31
625	16 43 21.067	+635.591	+ 8.464	+0.511	−68 56 19.90	−661.20	+ 87.86	− 3.31
626	16 41 10.785	+205.691	+ 0.382	+0.288	+39 0 58.81	−684.10	+ 28.55	− 8.31
627	16 44 20.652	+113.816	+ 1.025	+0.174	+56 52 14.38	−643.18	+ 15.99	+ 6.50
628	16 46 55.209	+388.671	+ 1.554	−4.898	−34 12 15.43	−653.60	+ 53.40	−25.28
629	16 49 48.127	+273.151	+ 0.385	+0.096	+15 3 24.20	−604.08	+ 38.24	+ 0.26
630	16 51 3.535	+422.233	+ 1.963	−1.126	−42 16 39.75	−617.33	+ 58.87	−23.48
631	16 54 28.408	+496.567	+ 3.248	−0.197	−55 54 48.50	−568.54	+ 69.65	− 3.27
632	16 55 35.428	+478.223	+ 2.782	+0.004	−53 5 8.96	−554.16	+ 67.21	+ 1.73
633	16 55 17.962	+283.977	+ 0.426	−1.988	+ 9 27 4.81	−559.19	+ 39.71	− 0.85
634	16 58 22.465	+229.532	+ 0.311	−0.398	+30 59 55.98	−529.61	+ 32.42	+ 2.85
635	17 3 3.443	+278.215	+ 0.374	+0.332	+12 48 29.14	−493.72	+ 39.56	− 0.85
636	17 6 8.723	+195.690	+ 0.372	−0.338	+40 34 49.39	−469.93	+ 27.89	− 3.28
637	17 7 30.457	+344.073	+ 0.681	+0.255	−15 39 53.00	−445.67	+ 49.06	+ 9.39
638	17 8 34.008	+429.770	+ 1.603	+0.221	−43 10 30.98	−474.32	+ 61.29	−28.29
639	17 8 38.179	+ 17.451	+ 1.882	−0.323	+65 46 34.02	−443.31	+ 2.63	+ 2.13
640	17 12 21.942	+273.567	+ 0.334	−0.080	+14 26 45.39	−409.89	+ 39.18	+ 3.69

Definitive Verbesserungen des NFK

Nr.	Name	1925.0				1934.5		1935.5		1936.5	
		Δα $(0^{s}.001)$	Δδ $(0''.01)$	Δμ $(0^{s}.00001)$	Δμ′ $(0''.0001)$	Δα $(0^{s}.001)$	Δδ $(0''.01)$	Δα $(0^{s}.001)$	Δδ $(0''.01)$	Δα $(0^{s}.001)$	Δδ $(0''.01)$
641	δ Herc	− 65	− 2	− 38	+ 5	− 68	− 2	− 68	− 1	− 70	− 2
642	ι Apds	+ 98	+39	+257	+120	+124	+ 50	+127	+ 52	+130	+ 54
643	π Herc	− 66	+10	− 47	+ 29	− 70	+ 13	− 71	+ 13	− 71	+ 13
644	ϑ Ophi	− 14	+25	+ 52	+ 36	− 9	+ 29	− 8	+ 29	− 8	+ 29
645	β Arae	− 28	+67	+ 70	+172	− 21	+ 83	− 20	+ 85	− 20	+ 86
646	45 Ophi[1])	− 5	+23	+ 84	+ 41	+ 3	+ 27	+ 3	+ 27	+ 5	+ 28
647	27 H. Ophi	− 79	+37	− 59	+ 68	− 84	+ 43	− 84	+ 44	− 86	+ 44
648	δ Arae	− 50	+39	+ 36	+128	− 46	+ 51	− 45	+ 53	− 45	+ 54
649	υ Scor	+ 86	+51	+238	+ 83	+109	+ 59	+111	+ 59	+114	+ 60
650	77 Herc[2])	− 98	+65	− 66	+120	−104	+ 76	−104	+ 78	−106	+ 79
651	α Arae	− 6	+94	+103	+214	+ 5	+115	+ 5	+116	+ 7	+119
652	λ Scor	+ 19	+23	+140	+ 43	+ 33	+ 27	+ 34	+ 27	+ 36	+ 27
653	β Drac	− 83	+26	− 58	+ 30	− 88	+ 29	− 89	+ 29	− 90	+ 29
654	ϑ Scor	+ 25	+88	+146	+204	+ 40	+107	+ 41	+110	+ 42	+111
655	ν¹ Drac	−125	+27	−111	+ 25	−136	+ 29	−137	+ 29	−138	+ 30
656	α Ophi	− 34	+31	0	+ 69	− 34	+ 37	− 34	+ 37	− 34	+ 39
657	ν² Drac	−139	+11	−130	+ 2	−152	+ 11	−153	+ 11	−154	+ 11
658	ξ Serp	− 29	+23	+ 28	+ 31	− 27	+ 26	− 26	+ 26	− 26	+ 27
659	27 Drac[3])	− 52	+ 3	+ 41	+ 2	− 48	+ 3	− 49	+ 3	− 48	+ 3
660	κ Scor	− 7	− 6	+ 97	− 21	+ 3	− 8	+ 4	− 8	+ 5	− 9
661	η Pavo	+ 55	0	+171	+ 56	+ 74	+ 5	+ 75	+ 5	+ 76	+ 6
662	μ Arae	− 13	+76	+ 74	+204	− 5	+ 96	− 5	+ 97	− 4	+ 99
663	ι Herc	− 74	+47	− 42	+ 76	− 78	+ 53	− 79	+ 54	− 79	+ 55
664	ω Drac	−101	+ 1	− 59	+ 2	−106	+ 1	−107	+ 1	−107	+ 1
665	β Ophi	− 43	+30	− 3	+ 59	− 43	+ 35	− 44	+ 36	− 44	+ 37
666	ι¹ Scor	+ 14	− 6	+129	− 18	+ 27	− 7	+ 28	− 8	+ 29	− 7
667	μ Herc	− 35	+41	+ 11	+ 75	− 34	+ 48	− 34	+ 48	− 34	+ 49
668	γ Ophi	− 50	+31	− 7	+ 58	− 50	+ 36	− 51	+ 36	− 51	+ 37
669	G Scor	− 3	+48	+ 96	+ 76	+ 7	+ 55	+ 8	+ 56	+ 9	+ 56
670	ψ Drac *pr*	− 53	+ 1	+ 43	+ 3	− 49	+ 1	− 49	+ 1	− 49	+ 1
671	ξ Drac	−102	+ 3	− 94	− 10	−111	+ 2	−113	+ 2	−114	+ 2
672	ϑ Herc	− 63	0	− 44	+ 8	− 67	+ 1	− 68	+ 1	− 68	+ 1
673	ν Ophi	− 37	− 3	+ 6	− 18	− 36	− 5	− 37	− 5	− 36	− 5
674	ξ Herc	− 63	+38	− 39	+ 68	− 67	+ 45	− 67	+ 45	− 68	+ 45
675	35 Drac	− 67	+22	+ 18	+ 45	− 67	+ 26	− 67	+ 27	− 67	+ 26
676	γ Drac	− 72	+17	− 48	+ 23	− 76	+ 19	− 77	+ 19	− 77	+ 19
677	67 Ophi	− 62	+15	− 35	+ 27	− 65	+ 18	− 65	+ 17	− 66	+ 18
678	66 G. Apds	+354	−65	+837	− 89	+440	− 72	+449	− 73	+458	− 74
679	γ Sgtr	− 3	+48	+ 63	+ 98	+ 3	+ 58	+ 3	+ 59	+ 4	+ 60
680	72 Ophi	− 46	+18	− 10	+ 38	− 47	+ 21	− 47	+ 22	− 47	+ 23

[1]) d Ophi [2]) x Herc [3]) f Drac

Nr.	α	dα/dT	d²α/dT²	100 μ	δ	dδ/dT	d²δ/dT²	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
641	17 12 58.554	+246.432	+0.325	−0.182	+24 53 48.69	−424.17	+ 35.31	−15.81
642	17 16 30.514	+669.419	+5.504	+0.120	−70 4 26.00	−379.51	+ 96.00	− 1.45
643	17 13 18.216	+208.952	+0.321	−0.254	+36 51 51.94	−405.13	+ 29.96	+ 0.42
644	17 18 56.154	+368.485	+0.737	−0.016	−24 57 5.22	−359.30	+ 53.00	− 2.10
645	17 21 8.242	+498.780	+1.976	−0.066	−55 29 6.13	−340.70	+ 71.79	− 2.46
646	17 24 9.507	+383.138	+0.777	+0.149	−29 49 25.33	−326.24	+ 55.30	−14.08
647	17 23 58.551	+318.333	+0.432	−0.642	− 5 2 38.48	−318.16	+ 45.87	− 4.41
648	17 26 34.740	+541.713	+2.269	−0.658	−60 38 40.61	−300.10	+ 78.15	− 8.85
649	17 27 21.655	+407.932	+0.866	0.000	−37 15 28.50	−287.57	+ 58.98	− 3.10
650	17 25 24.566	+159.013	+0.426	−0.044	+48 18 4.14	−302.02	+ 23.03	− 0.66
651	17 27 58.338	+463.837	+1.316	−0.278	−49 50 19.70	−286.41	+ 67.03	− 7.23
652	17 30 12.607	+407.419	+0.799	+0.003	−37 4 9.52	−262.56	+ 58.99	− 2.77
653	17 29 18.026	+135.556	+0.487	−0.206	+52 20 15.66	−266.42	+ 19.67	+ 1.25
654	17 33 43.358	+431.117	+0.855	+0.146	−42 58 5.01	−229.03	+ 62.54	+ 0.27
655	17 31 11.300	+118.115	+0.532	+1.648	+55 13 4.02	−245.91	+ 17.42	+ 5.39
656	17 32 36.700	+278.484	+0.318	+0.799	+12 35 41.92	−261.56	+ 40.52	−22.61
657	17 31 16.733	+118.220	+0.532	+1.681	+55 12 22.80	−245.25	+ 17.44	+ 5.27
658	17 34 43.269	+343.515	+0.433	−0.315	−15 22 7.90	−226.77	+ 49.80	− 6.15
659	17 32 9.546	− 24.022	+1.403	−0.297	+68 10 1.20	−229.47	− 3.42	+13.41
660	17 39 1.540	+415.050	+0.640	−0.049	−39 0 22.71	−186.01	+ 60.31	− 2.84
661	17 40 49.269	+588.998	+1.706	−0.044	−64 42 9.80	−172.56	+ 85.61	− 5.03
662	17 40 10.236	+476.340	+0.978	−0.207	−51 48 34.81	−191.97	+ 69.21	−18.78
663	17 38 3.071	+169.350	+0.337	−0.092	+46 1 55.30	−191.25	+ 24.64	+ 0.41
664	17 37 14.358	− 35.116	+1.079	+0.013	+68 46 52.55	−166.39	− 5.01	+32.33
665	17 41 0.042	+296.365	+0.259	−0.280	+ 4 35 11.82	−150.08	+ 43.08	+15.88
666	17 44 5.096	+419.635	+0.531	+0.024	−40 6 34.80	−139.50	+ 61.08	− 0.43
667	17 44 29.977	+234.811	+0.371	−2.381	+27 44 55.60	−209.87	+ 33.85	−74.42
668	17 45 23.025	+300.820	+0.272	−0.162	+ 2 43 28.41	−134.87	+ 43.79	− 7.14
669	17 46 27.190	+408.456	+0.433	+0.510	−37 1 45.58	−114.98	+ 59.55	+ 3.42
670	17 42 49.311	−106.634	+2.005	+0.392	+72 10 26.22	−176.74	− 15.38	−26.66
671	17 52 39.717	+103.721	+0.329	+1.101	+56 52 47.62	− 56.57	+ 15.30	+ 7.59
672	17 54 32.184	+205.724	+0.241	−0.005	+37 15 21.71	− 47.20	+ 30.00	+ 0.58
673	17 56 16.331	+330.268	+0.223	−0.062	− 9 46 9.19	− 44.55	+ 48.13	−11.95
674	17 55 49.211	+233.128	+0.229	+0.624	+29 15 7.25	− 38.40	+ 34.08	− 1.85
675	17 51 40.973	−268.635	+1.140	+1.077	+76 58 15.07	− 48.11	− 38.94	+24.61
676	17 55 26.581	+139.283	+0.297	−0.133	+51 29 38.55	− 41.85	+ 20.29	− 2.01
677	17 58 8.338	+300.447	+0.200	−0.036	+ 2 55 56.54	− 17.32	+ 43.79	− 1.04
678	18 4 16.112	+839.513	−0.444	+0.459	−75 53 47.82	+ 9.48	+122.39	−27.85
679	18 2 35.676	+385.391	+0.140	−0.407	−30 25 35.81	+ 4.23	+ 56.10	−18.46
680	18 4 58.659	+284.412	+0.166	−0.427	+ 9 33 18.96	+ 51.74	+ 41.37	+ 8.21

Definitive Verbesserungen des NFK

Nr.	Name	1925.0 Δα (0ˢ001)	1925.0 Δδ (0″01)	1925.0 Δμ (0ˢ00001)	1925.0 Δμ′ (0″0001)	1934.5 Δα (0ˢ001)	1934.5 Δδ (0″01)	1935.5 Δα (0ˢ001)	1935.5 Δδ (0″01)	1936.5 Δα (0ˢ001)	1936.5 Δδ (0″01)
681	o Herc	− 66	+47	− 50	+ 87	− 71	+ 55	− 71	+ 55	− 71	+ 56
682	μ Sgtr	− 25	+25	+ 34	+ 26	− 22	+ 28	− 21	+ 28	− 21	+ 28
683	η Sgtr	− 13	+ 3	+ 79	− 1	− 5	+ 3	− 5	+ 3	− 3	+ 3
684	Grb 2533 Lyra	− 64	+19	− 10	+ 26	− 65	+ 21	− 65	+ 22	− 66	+ 22
685	36 Drac	− 82	+ 2	− 31	− 3	− 85	+ 1	− 86	+ 2	− 86	+ 2
686	ξ Pavo	+ 73	−89	+210	−126	+ 94	−101	+ 96	−103	+ 99	−103
687	δ Sgtr	− 17	+18	+ 41	+ 27	− 13	+ 21	− 13	+ 21	− 12	+ 21
688	η Serp	− 42	+21	− 10	+ 27	− 43	+ 23	− 43	+ 24	− 43	+ 24
689	ε Sgtr	+ 6	+ 5	+ 68	+ 13	+ 12	+ 6	+ 13	+ 6	+ 14	+ 6
690	109 Herc	− 55	+72	− 29	+151	− 58	+ 87	− 58	+ 88	− 58	+ 89
691	α Tele	− 21	+ 7	+ 47	+ 59	− 17	+ 13	− 16	+ 13	− 15	+ 13
692	λ Sgtr	− 16	+35	+ 35	+ 44	− 13	+ 39	− 12	+ 40	− 12	+ 40
693	†φ Drac *m*	− 72	+50	− 7	+ 85	− 73	+ 57	− 74	+ 58	− 74	+ 60
694	†39 Drac[1])	−108	+24	− 96	+ 20	−118	+ 25	−119	+ 26	−120	+ 26
695	χ Drac	− 94	+25	− 48	+ 42	− 99	+ 29	− 99	+ 29	−100	+ 30
696	γ Scut[2])	− 32	−23	+ 24	− 56	− 30	− 28	− 29	− 29	− 29	− 29
697	ϑ CorA	+ 10	+23	+107	+ 27	+ 21	+ 25	+ 22	+ 25	+ 23	+ 26
698	ζ Pavo	+165	+27	+370	+173	+203	+ 44	+207	+ 46	+211	+ 48
699	α Lyra	− 47	+ 4	− 55	+ 13	− 53	+ 6	− 53	+ 6	− 53	+ 6
700	Grb 2655 Drac	− 88	+28	− 21	+ 47	− 92	+ 32	− 93	+ 32	− 93	+ 33
701	Grb 2640 Drac	− 71	− 6	− 14	− 28	− 72	− 9	− 72	− 9	− 72	− 9
702	ε Scut[3])	− 49	− 5	+ 3	− 32	− 48	− 8	− 48	− 8	− 49	− 8
703	110 Herc	− 43	+33	− 5	+ 57	− 43	+ 38	− 44	+ 39	− 44	+ 39
704	λ Pavo	+ 42	+28	+142	+106	+ 57	+ 39	+ 59	+ 40	+ 59	+ 41
705	β Lyra	− 66	− 7	− 56	− 5	− 71	− 8	− 72	− 8	− 73	− 7
706	σ Sgtr	0	+52	+ 54	+ 74	+ 5	+ 58	+ 6	+ 59	+ 6	+ 60
707	o Drac	− 95	+ 5	− 77	− 2	−103	+ 5	−103	+ 5	−104	+ 5
708	λ Tele	+ 35	−64	+156	− 68	+ 51	− 70	+ 52	− 70	+ 54	− 72
709	ϑ Serp *pr*	− 41	+50	+ 2	+ 84	− 40	+ 58	− 41	+ 58	− 41	+ 59
710	ξ² Sgtr[4])	− 26	+24	+ 28	+ 22	− 23	+ 26	− 23	+ 26	− 22	+ 27
711	R Lyra	− 95	+39	−102	+ 63	−106	+ 44	−107	+ 45	−107	+ 46
712	ε Aqil	− 23	+32	+ 29	+ 64	− 21	+ 38	− 20	+ 38	− 20	+ 39
713	γ Lyra	− 50	+12	− 30	+ 22	− 53	+ 14	− 53	+ 14	− 53	+ 15
714	υ Drac	−105	+38	− 76	+ 59	−113	+ 43	−113	+ 44	−114	+ 45
715	†ζ Sgtr *m*	+ 12	−22	+ 81	− 33	+ 20	− 25	+ 20	− 25	+ 22	− 25
716	ζ Aqil	− 36	+32	− 7	+ 62	− 37	+ 38	− 37	+ 38	− 37	+ 38
717	λ Aqil	− 42	+ 4	− 11	− 8	− 43	+ 3	− 43	+ 3	− 44	+ 3
718	α CorA	+ 29	+67	+132	+ 99	+ 42	+ 77	+ 43	+ 78	+ 45	+ 79
719	ι Lyra	− 76	+22	− 59	+ 39	− 81	+ 25	− 82	+ 26	− 83	+ 26
720	π Sgtr	− 11	0	+ 42	− 13	− 7	− 1	− 7	− 1	− 6	− 1

[1]) b Drac [2]) 2 H. Scut [3]) 5 H. Scut [4]) ξ Sgtr

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
681	18 5 35.417	+234.002	+0.205	− 0.028	+28 45 15.76	+ 49.74	+ 34.07	+ 0.86
682	18 10 46.317	+358.766	+0.032	+ 0.008	−21 4 25.60	+ 94.11	+ 52.19	− 0.06
683	18 14 14.552	+405.924	−0.131	− 1.091	−36 46 43.29	+108.11	+ 58.84	−16.36
684	18 14 5.340	+186.579	+0.194	− 0.069	+42 8 28.37	+122.70	+ 27.08	− 0.43
685	18 13 36.436	+ 34.479	−0.081	+ 5.294	+64 22 48.39	+122.09	+ 5.73	+ 3.16
686	18 18 37.162	+552.758	−1.185	− 0.047	−61 31 9.64	+163.08	+ 80.23	+ 0.43
687	18 17 47.556	+384.091	−0.141	+ 0.313	−29 51 4.69	+152.54	+ 55.79	− 2.91
688	18 18 43.259	+310.385	+0.154	− 3.720	− 2 54 48.23	+ 93.80	+ 44.48	−69.74
689	18 20 51.199	+398.243	−0.242	− 0.230	−34 24 36.94	+169.53	+ 57.69	−12.59
690	18 21 33.943	+255.640	+0.198	+ 1.374	+21 44 44.49	+164.18	+ 37.22	−24.14
691	18 23 15.947	+444.805	−0.586	− 0.165	−45 59 52.87	+198.95	+ 64.39	− 4.17
692	18 24 53.050	+370.213	−0.169	− 0.331	−25 27 4.15	+198.86	+ 53.50	−18.33
693	18 21 28.509	− 86.145	−1.109	− 0.184	+71 18 42.28	+191.67	− 12.61	+ 4.14
694	18 23 10.709	+ 87.523	−0.094	− 0.551	+58 46 16.48	+208.39	+ 12.53	+ 6.03
695	18 21 57.485	−108.303	−0.815	+11.707	+72 42 42.24	+156.23	− 14.14	−35.51
696	18 26 20.799	+341.899	−0.085	− 0.002	−14 35 57.99	+229.57	+ 49.40	− 0.33
697	18 29 55.934	+428.340	−0.661	+ 0.253	−42 21 2.23	+258.92	+ 61.83	− 2.10
698	18 37 12.321	+700.986	−5.116	+ 0.151	−71 28 28.31	+307.92	+100.71	−16.03
699	18 35 14.659	+203.104	+0.094	+ 1.697	+38 44 9.59	+335.30	+ 29.36	+28.29
700	18 32 10.455	−290.042	−5.192	− 0.118	+77 30 34.44	+280.63	− 41.99	+ 0.19
701	18 36 3.815	+ 18.668	−0.852	+ 0.164	+65 26 37.69	+322.24	+ 2.58	+ 8.16
702	18 40 47.816	+326.702	−0.137	+ 0.129	− 8 19 34.67	+355.52	+ 46.73	+ 0.62
703	18 43 30.498	+258.154	+0.158	− 0.121	+20 29 49.66	+344.74	+ 36.77	−33.47
704	18 47 35.368	+555.699	−3.233	− 0.112	−62 14 51.42	+411.50	+ 79.06	− 1.69
705	18 48 13.935	+221.460	+0.139	− 0.022	+33 18 12.56	+418.47	+ 31.38	− 0.22
706	18 52 9.919	+371.929	−0.592	+ 0.096	−26 21 38.43	+446.73	+ 52.63	− 5.54
707	18 50 27.791	+ 88.466	−0.476	+ 0.976	+59 19 36.28	+440.23	+ 12.53	+ 2.48
708	18 54 28.004	+479.886	−2.168	+ 0.188	−53 0 22.36	+472.62	+ 67.81	+ 0.77
709	18 53 43.975	+298.217	−0.061	+ 0.290	+ 4 8 13.54	+469.25	+ 42.13	+ 3.64
710	18 54 44.813	+357.819	−0.495	+ 0.204	−21 10 27.07	+472.83	+ 50.49	− 1.40
711	18 53 48.733	+182.536	+0.051	+ 0.174	+43 52 45.45	+474.54	+ 25.70	+ 8.25
712	18 57 21.111	+272.250	+0.052	− 0.392	+14 59 56.32	+488.96	+ 38.17	− 7.37
713	18 57 4.294	+224.380	+0.128	− 0.068	+32 37 11.24	+494.03	+ 31.48	+ 0.07
714	18 55 0.928	− 73.637	−3.098	+ 0.953	+71 13 50.93	+481.18	− 10.49	+ 4.66
715	18 59 25.881	+381.627	−0.822	− 0.125	−29 57 12.82	+513.79	+ 53.52	− 0.14
716	19 3 6.643	+275.697	+0.031	− 0.076	+13 47 15.86	+535.53	+ 38.42	− 9.44
717	19 3 35.679	+318.308	−0.226	− 0.170	− 4 57 32.74	+540.29	+ 44.37	− 8.75
718	19 6 4.349	+408.083	−1.288	+ 0.728	−37 59 3.51	+559.92	+ 56.88	− 9.93
719	19 5 30.939	+214.032	+0.113	− 0.085	+36 1 14.65	+565.22	+ 29.68	+ 0.05
720	19 6 47.445	+356.714	−0.625	− 0.010	−21 6 17.67	+572.20	+ 49.55	− 3.67

Nr.	Name	1925.0 Δα (0ˢ001)	1925.0 Δδ (0″01)	1925.0 Δμ (0ˢ00001)	1925.0 Δμ′ (0″0001)	1934.5 Δα (0ˢ001)	1934.5 Δδ (0″01)	1935.5 Δα (0ˢ001)	1935.5 Δδ (0″01)	1936.5 Δα (0ˢ001)	1936.5 Δδ (0″01)
721	†60 G. Pavo *m*	+ 43	−13	+138	+ 7	+ 58	−12	+ 59	−12	+ 61	−12
722	43 Sgtr¹)	− 31	−26	+ 31	− 67	− 29	−32	− 28	−33	− 27	−33
723	δ Drac	− 94	+32	− 61	+ 45	−100	+36	−100	+37	−101	+37
724	ϑ Lyra	− 43	+19	− 3	+ 35	− 44	+22	− 43	+22	− 43	+23
725	ω Aqil	− 52	+25	− 13	+ 52	− 54	+29	− 53	+30	− 53	+31
726	ϰ Cygn	− 78	+31	− 73	+ 37	− 85	+34	− 86	+34	− 87	+35
727	υ Sgtr	− 56	− 5	− 24	− 36	− 58	− 8	− 58	− 9	− 59	− 9
728	α Sgtr	+ 7	+ 7	+ 81	+ 3	+ 15	+ 7	+ 15	+ 8	+ 16	+ 8
729	τ Drac	− 79	+20	− 32	+ 29	− 83	+23	− 83	+23	− 83	+23
730	δ Aqil	− 38	+16	− 4	+ 26	− 39	+18	− 38	+18	− 39	+19
731	186 G. Sgtr	− 4	+14	+ 79	+ 21	+ 3	+16	+ 4	+16	+ 5	+16
732	β Cygn *pr*	− 40	+19	− 17	+ 34	− 41	+22	− 41	+22	− 42	+23
733	ι Cygn	− 58	+32	− 33	+ 47	− 61	+36	− 62	+36	− 62	+37
734	Grb 2900 Drac	−333	+24	−570	+ 43	−389	+28	−395	+28	−400	+29
735	ι Tele	+ 82	− 2	+255	+ 54	+107	+ 3	+109	+ 4	+112	+ 5
736	52 Sgtr²)	− 16	+17	+ 47	+ 19	− 12	+19	− 11	+19	− 11	+20
737	ϰ Aqil	− 66	−14	− 35	− 44	− 70	−18	− 69	−19	− 70	−19
738	ϑ Cygn	− 41	+41	− 4	+ 68	− 41	+48	− 41	+48	− 42	+49
739	ν Tele	+ 44	+ 6	+153	+ 72	+ 60	+13	+ 61	+14	+ 63	+14
740	15 Cygn	− 61	−10	− 29	− 14	− 64	−11	− 64	−11	− 65	−11
741	γ Aqil	− 31	+16	− 2	+ 34	− 31	+19	− 31	+19	− 31	+20
742	†δ Cygn	− 69	+52	− 70	+ 86	− 76	+60	− 76	+61	− 77	+62
743	δ Sgte	− 49	− 3	− 25	− 12	− 51	− 4	− 51	− 5	− 52	− 5
744	51 Aqil	− 41	−31	+ 22	− 67	− 39	−37	− 38	−38	− 38	−38
745	α Aqil	− 17	+15	+ 4	+ 32	− 16	+18	− 17	+18	− 17	+19
746	η Aqil	− 53	+26	− 26	+ 44	− 56	+30	− 56	+30	− 56	+31
747	†ε Drac	− 78	+61	− 33	+ 95	− 81	+70	− 81	+71	− 82	+72
748	ε Pavo	+203	−23	+418	+ 13	+244	−21	+249	−21	+252	−21
749	β Aqil	− 34	+ 6	+ 7	+ 16	− 33	+ 8	− 33	+ 8	− 33	+ 8
750	†ψ Cygn	− 63	+18	− 38	+ 21	− 66	+20	− 67	+20	− 67	+20
751	ϑ¹ Sgtr	+ 22	+54	+112	+108	+ 33	+65	+ 34	+66	+ 36	+67
752	γ Sgte	− 39	+21	− 7	+ 37	− 39	+24	− 40	+24	− 39	+25
753	62 Sgtr³)	− 12	+16	+ 58	+ 22	− 6	+19	− 6	+18	− 6	+19
754	δ Pavo	+ 7	+70	+ 77	+166	+ 15	+86	+ 15	+89	+ 17	+90
755	ξ Tele	+120	+50	+291	+144	+147	+65	+150	+66	+153	+67
756	ϑ Aqil	− 33	+11	+ 4	+ 9	− 32	+12	− 32	+12	− 33	+12
757	31 o¹ Cygn⁴)	− 69	+28	− 65	+ 48	− 75	+33	− 76	+33	− 76	+33
758	33 Cygn	− 51	− 5	− 15	− 21	− 53	− 7	− 53	− 7	− 53	− 7
759	ϰ Ceph	− 13	+11	+102	+ 14	− 2	+12	− 1	+13	0	+13
760	24 Vulp	− 67	+29	− 37	+ 49	− 70	+34	− 71	+35	− 72	+35

¹) d Sgtr ²) h Sgtr ³) c Sgtr ⁴) o¹ Cygn sq

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
721	19 12 11.201	+603.103	− 6.604	+ 0.068	−66 45 1.45	+ 618.88	+83.32	− 2.03
722	19 14 42.588	+350.928	− 0.648	− 0.092	−19 2 37.23	+ 640.27	+48.16	− 1.57
723	19 12 32.834	+ 1.256	− 2.379	+ 1.600	+67 34 25.01	+ 633.19	+ 0.13	+ 9.29
724	19 14 37.857	+208.190	+ 0.100	− 0.075	+38 2 36.97	+ 641.42	+28.47	+ 0.23
725	19 15 28.094	+281.554	− 0.039	− 0.040	+11 30 14.02	+ 649.95	+38.55	+ 1.83
726	19 15 56.794	+138.581	− 0.311	+ 0.611	+53 16 31.83	+ 664.41	+18.91	+ 12.33
727	19 18 51.822	+343.496	− 0.600	− 0.019	−16 3 1.87	+ 675.58	+46.85	− 0.57
728	19 20 25.483	+415.559	− 1.759	+ 0.262	−40 42 42.91	+ 677.20	+56.62	− 11.79
729	19 16 31.466	−115.783	− 5.910	− 3.315	+73 15 47.90	+ 667.99	−16.67	+ 11.14
730	19 22 58.592	+302.418	− 0.197	+ 1.670	+ 3 0 49.04	+ 718.35	+41.15	+ 8.45
731	19 23 46.997	+379.073	− 1.168	+ 0.153	−29 50 37.87	+ 712.01	+51.32	− 4.49
732	19 28 42.210	+241.908	+ 0.103	− 0.034	+27 51 12.34	+ 756.09	+32.33	− 0.42
733	19 28 26.685	+151.203	− 0.263	+ 0.186	+51 37 21.01	+ 767.36	+20.13	+ 12.95
734	19 24 44.895	−364.758	−19.507	+ 0.406	+79 30 15.86	+ 721.28	−49.82	− 3.09
735	19 31 30.694	+444.900	− 2.790	− 0.158	−48 12 32.45	+ 775.74	+59.39	− 3.46
736	19 33 39.958	+364.996	− 1.069	+ 0.505	−24 59 44.41	+ 794.52	+48.56	− 1.99
737	19 34 12.071	+322.666	− 0.460	− 0.005	− 7 8 24.78	+ 800.40	+42.78	− 0.41
738	19 35 5.957	+160.760	− 0.237	− 0.301	+50 6 15.99	+ 833.37	+21.06	+ 25.37
739	19 43 56.731	+489.703	− 4.674	+ 1.017	−56 29 5.50	+ 865.27	+63.92	− 12.91
740	19 42 28.298	+216.326	+ 0.113	+ 0.558	+37 13 56.97	+ 870.01	+28.14	+ 3.43
741	19 43 52.903	+285.170	− 0.108	+ 0.085	+10 29 24.47	+ 878.00	+37.00	+ 0.32
742	19 43 24.674	+187.492	+ 0.003	+ 0.442	+45 0 28.22	+ 878.80	+24.28	+ 4.82
743	19 45 9.421	+267.469	+ 0.012	+ 0.016	+18 24 34.75	+ 888.87	+34.58	+ 1.18
744	19 48 1.774	+330.046	− 0.653	− 0.189	−10 53 30.84	+ 913.61	+42.43	+ 3.46
745	19 48 20.583	+292.645	− 0.189	+ 3.596	+ 8 44 5.75	+ 951.32	+38.05	+ 38.74
746	19 49 55.522	+305.549	− 0.324	+ 0.034	+ 0 52 33.33	+ 924.46	+39.13	− 0.43
747	19 48 21.067	− 20.502	− 4.506	+ 1.528	+70 8 26.63	+ 916.62	− 2.84	+ 3.97
748	19 54 50.798	+693.630	−16.885	+ 1.904	−73 2 43.79	+ 949.83	+88.50	− 13.02
749	19 52 51.376	+294.630	− 0.151	+ 0.262	+ 6 16 49.91	+ 899.76	+37.47	− 47.79
750	19 54 20.174	+155.022	− 0.269	− 0.466	+52 18 19.73	+ 956.04	+19.38	− 2.90
751	19 56 29.094	+390.317	− 1.988	− 0.005	−35 24 47.48	+ 972.92	+49.28	− 2.47
752	19 56 31.924	+266.747	+ 0.024	+ 0.419	+19 21 18.59	+ 978.55	+33.60	+ 2.80
753	19 59 35.169	+368.798	− 1.504	+ 0.267	−27 51 1.61	+1000.98	+46.21	+ 1.99
754	20 3 50.398	+588.248	− 9.567	+19.751	−66 18 43.30	+ 917.20	+75.71	−113.87
755	20 3 33.836	+459.487	− 4.507	− 0.146	−53 1 33.10	+1030.23	+57.01	+ 1.24
756	20 8 43.489	+309.463	− 0.428	+ 0.219	− 0 58 16.15	+1068.11	+37.75	+ 0.65
757	20 12 3.339	+188.861	+ 0.036	− 0.029	+46 35 19.94	+1092.58	+22.62	+ 0.58
758	20 12 14.141	+139.404	− 0.593	+ 0.720	+56 24 50.90	+1101.66	+16.66	+ 8.33
759	20 10 36.536	−202.518	−17.185	+ 0.215	+77 33 42.50	+1084.20	−25.29	+ 2.83
760	20 14 38.620	+256.692	+ 0.117	+ 0.085	+24 30 57.51	+1109.47	+30.69	− 1.44

Nr.	Name	1925.0 Δα (0.s001)	1925.0 Δδ (0.''01)	1925.0 Δμ (0.s00001)	1925.0 Δμ′ (0.''0001)	1934.5 Δα (0.s001)	1934.5 Δδ (0.''01)	1935.5 Δα (0.s001)	1935.5 Δδ (0.''01)	1936.5 Δα (0.s001)	1936.5 Δδ (0.''01)
761	α² Capr	− 35	− 23	+ 6	− 52	− 34	− 27	− 34	− 28	− 34	− 29
762	β Capr	− 14	− 5	+ 37	− 30	− 11	− 8	− 10	− 8	− 10	− 8
763	κ¹ Sgtr	− 52	+ 46	− 59	+ 83	− 57	+ 53	− 58	+ 55	− 58	+ 55
764	α Pavo	− 40	− 19	− 4	+ 29	− 40	− 16	− 40	− 15	− 40	− 16
765	γ Cygn	− 45	+ 5	− 38	+ 13	− 48	+ 6	− 49	+ 6	− 49	+ 7
766	†ρ Capr	− 40	− 5	+ 16	− 37	− 39	− 8	− 38	− 8	− 38	− 9
767	ϑ Ceph	− 76	+ 24	− 25	+ 30	− 78	+ 27	− 79	+ 27	− 79	+ 27
768	ε Delf	− 46	+ 42	− 12	+ 79	− 47	+ 49	− 47	+ 50	− 47	+ 51
769	α Indi	+ 64	+ 42	+168	+124	+ 80	+ 55	+ 82	+ 56	+ 84	+ 57
770	73 Drac	− 96	+ 2	− 59	+ 3	−101	+ 3	−102	+ 2	−102	+ 3
771	†β Delf *m*	− 41	+ 34	− 7	+ 62	− 42	+ 39	− 42	+ 40	− 42	+ 41
772	κ Delf	− 54	+ 8	− 18	+ 21	− 56	+ 10	− 56	+ 10	− 57	+ 11
773	υ Capr	− 38	+ 7	+ 24	− 15	− 36	+ 6	− 35	+ 5	− 35	+ 6
774	α Delf	− 57	+ 39	− 32	+ 72	− 60	+ 45	− 60	+ 46	− 61	+ 47
775	β Pavo	− 7	+ 73	+ 70	+165	− 1	+ 90	0	+ 91	0	+ 92
776	η Jndi	+ 56	+ 67	+151	+186	+ 71	+ 85	+ 72	+ 87	+ 73	+ 89
777	α Cygn	− 48	+ 29	− 45	+ 53	− 52	+ 34	− 52	+ 35	− 53	+ 34
778	δ Delf	− 54	+ 41	− 22	+ 77	− 56	+ 48	− 56	+ 49	− 57	+ 50
779	ψ Capr	− 21	+ 25	+ 39	+ 27	− 18	+ 28	− 17	+ 28	− 17	+ 28
780	ε Cygn	− 67	+ 9	− 66	+ 14	− 73	+ 10	− 74	+ 10	− 75	+ 11
781	ε Aqar	− 24	− 9	+ 27	− 32	− 22	− 12	− 22	− 12	− 21	− 12
782	6 H. Ceph	− 58	+ 22	− 8	+ 10	− 59	+ 23	− 59	+ 23	− 59	+ 23
783	η Ceph	− 53	+ 26	+ 8	+ 31	− 53	+ 28	− 52	+ 29	− 52	+ 29
784	†λ Cygn *m*	− 54	− 19	− 22	− 30	− 56	− 21	− 56	− 22	− 57	− 23
785	β Indi	+110	+ 14	+232	+ 86	+132	+ 22	+134	+ 23	+136	+ 25
786	32 Vulp	− 61	+ 5	− 26	+ 5	− 63	+ 5	− 64	+ 6	− 64	+ 6
787	α Octn	+179	− 53	+388	− 72	+214	− 57	+218	− 59	+221	− 59
788	ν Cygn	− 58	+ 49	− 43	+ 81	− 62	+ 56	− 63	+ 57	− 63	+ 57
789	11 Aqar	− 37	+ 18	+ 23	+ 12	− 35	+ 19	− 34	+ 20	− 34	+ 19
790	ζ Micr	+ 32	+ 73	+112	+124	+ 43	+ 85	+ 44	+ 86	+ 45	+ 88
791	A Capr	+ 13	+ 30	+ 91	+ 36	+ 21	+ 34	+ 22	+ 34	+ 23	+ 34
792	ξ Cygn	− 80	+ 45	− 80	+ 74	− 87	+ 51	− 89	+ 53	− 89	+ 53
793	61 Cygn *pr*	− 60	− 11	− 19	− 4	− 62	− 12	− 62	− 11	− 63	− 12
794	ν Aqar	− 51	− 7	− 13	− 31	− 52	− 10	− 53	− 10	− 52	− 11
795	Br 2777 Ceph	−136	− 2	−131	− 1	−146	− 2	−148	− 2	−149	− 2
796	23 G. Indi	+184	+157	+366	+349	+218	+191	+222	+194	+225	+198
797	ζ Cygn	− 54	+ 32	− 31	+ 56	− 57	+ 37	− 57	+ 38	− 57	+ 38
798	†Grb 3415 Ceph *m*	− 54	+ 7	0	0	− 54	+ 7	− 54	+ 7	− 55	+ 7
799	†τ Cygn	− 60	+ 4	− 45	+ 14	− 65	+ 5	− 64	+ 5	− 65	+ 6
800	α Equl	− 51	+ 26	− 18	+ 44	− 53	+ 30	− 53	+ 30	− 53	+ 31

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
761	20 15 16.875	+332.756	− 0.859	+ 0.410	−12 42 4.52	+1116.14	+39.87	+ 0.59
762	20 18 12.195	+336.957	− 0.973	+ 0.264	−14 56 26.64	+1136.98	+39.99	+ 0.29
763	20 19 4.157	+407.201	− 2.996	+ 0.317	−42 12 31.74	+1134.15	+48.30	− 8.77
764	20 21 42.254	+474.438	− 6.011	+ 0.108	−56 53 49.86	+1153.54	+55.87	− 8.24
765	20 20 25.934	+215.294	+ 0.195	− 0.001	+40 5 44.52	+1152.84	+25.19	+ 0.15
766	20 26 0.592	+342.065	− 1.155	− 0.120	−17 58 49.31	+1190.29	+39.55	− 1.96
767	20 28 44.686	+100.573	− 1.560	+ 0.602	+62 49 32.33	+1210.31	+11.24	− 1.08
768	20 30 49.392	+286.566	− 0.121	+ 0.041	+11 7 55.86	+1224.12	+32.53	− 1.70
769	20 34 3.497	+421.790	− 4.048	+ 0.498	−47 28 2.75	+1255.31	+47.63	+ 7.23
770	20 32 11.369	− 79.426	−10.526	+ 0.099	+74 47 1.12	+1234.11	− 9.63	− 1.14
771	20 35 12.199	+281.286	− 0.034	+ 0.735	+14 25 12.35	+1252.94	+31.50	− 2.96
772	20 36 41.986	+291.331	− 0.149	+ 2.098	+ 9 54 31.91	+1268.16	+32.62	+ 2.09
773	20 37 12.307	+341.403	− 1.228	− 0.151	−18 18 57.83	+1267.73	+37.94	− 1.76
774	20 37 18.866	+278.622	− 0.005	+ 0.414	+15 44 4.35	+1270.36	+30.93	+ 0.12
775	20 40 28.667	+540.397	−11.641	− 0.636	−66 23 5.32	+1293.29	+59.61	+ 1.78
776	20 40 22.677	+440.353	− 5.105	+ 1.719	−52 6 4.54	+1285.44	+48.74	− 5.40
777	20 39 43.545	+204.502	+ 0.226	− 0.004	+45 6 3.08	+1286.94	+22.31	+ 0.46
778	20 41 7.407	+280.054	− 0.016	− 0.162	+14 53 38.74	+1291.83	+30.57	− 3.99
779	20 43 8.282	+355.082	− 1.674	− 0.397	−25 27 7.12	+1293.75	+38.58	− 15.46
780	20 44 11.172	+242.741	+ 0.286	+ 2.828	+33 46 55.26	+1349.11	+26.43	+ 32.97
781	20 44 58.211	+324.666	− 0.836	+ 0.201	− 9 40 48.20	+1318.19	+35.04	− 3.11
782	20 44 6.630	+148.845	− 0.406	− 0.867	+57 23 59.04	+1292.28	+15.71	− 23.36
783	20 44 16.499	+121.957	− 1.482	+ 1.283	+61 38 38.94	+1398.92	+12.98	+ 82.20
784	20 45 27.534	+233.677	+ 0.334	+ 0.031	+36 18 21.96	+1324.20	+25.01	− 0.32
785	20 50 55.050	+468.634	− 7.339	+ 0.229	−58 38 40.01	+1358.09	+49.62	− 1.87
786	20 52 25.628	+255.688	+ 0.277	− 0.061	+27 51 59.35	+1369.82	+26.62	+ 0.19
787	20 58 44.090	+726.378	−34.455	+ 0.325	−77 13 1.10	+1373.17	+74.71	− 36.21
788	20 55 18.416	+223.653	+ 0.391	+ 0.045	+40 58 25.98	+1386.97	+22.94	− 0.94
789	20 57 55.865	+315.798	− 0.644	+ 0.258	− 4 55 28.30	+1391.22	+32.26	− 13.15
790	20 59 46.608	+383.197	− 3.012	− 0.246	−38 49 41.05	+1404.91	+38.90	− 10.94
791	21 4 12.383	+350.772	− 1.774	− 0.205	−25 12 25.23	+1438.66	+34.77	− 4.34
792	21 3 6.596	+218.222	+ 0.434	+ 0.036	+43 43 39.34	+1436.78	+21.58	+ 0.46
793	21 4 39.121	+268.749	+ 0.463	+35.042	+38 30 9.27	+1771.85	+29.40	+326.15
794	21 6 52.301	+326.700	− 0.971	+ 0.610	−11 34 31.12	+1457.84	+32.09	− 1.24
795	21 6 31.984	−120.929	−18.485	+ 0.603	+77 55 26.89	+1460.63	−12.66	+ 3.59
796	21 12 12.225	+428.087	− 5.863	+ 0.178	−53 28 16.99	+1489.54	+41.09	− 1.11
797	21 10 48.357	+255.323	+ 0.413	− 0.042	+30 1 15.47	+1477.16	+24.42	− 5.29
798	21 10 31.845	+152.680	− 0.419	− 0.061	+59 46 49.37	+1480.62	+14.35	− 0.20
799	21 12 47.564	+239.481	+ 0.476	+ 1.317	+37 49 52.29	+1537.80	+22.77	+ 43.71
800	21 13 19.436	+299.851	− 0.261	+ 0.359	+ 5 2 24.38	+1488.89	+28.46	− 8.29

Definitive Verbesserungen des NFK

Nr.	Name	1925.0 Δα (0ˢ.001)	1925.0 Δδ (0″.01)	1925.0 Δμ (0ˢ.00001)	1925.0 Δμ′ (0″.0001)	1934.5 Δα (0ˢ.001)	1934.5 Δδ (0″.01)	1935.5 Δα (0ˢ.001)	1935.5 Δδ (0″.01)	1936.5 Δα (0ˢ.001)	1936.5 Δδ (0″.01)
801	ε Micr[1]	− 19	+ 31	+ 48	+ 51	− 15	+ 36	− 15	+ 37	− 14	+ 37
802	ϑ¹ Micr	− 89	− 57	− 145	−147	−103	− 71	−105	− 72	− 106	− 74
803	α Ceph	− 65	+ 14	− 9	+ 20	− 66	+ 16	− 66	+ 16	− 66	+ 16
804	1 Pegs	− 51	+ 38	− 16	+ 65	− 53	+ 44	− 53	+ 44	− 53	+ 46
805	γ Pavo	+123	+ 39	+ 283	+102	+149	+ 50	+151	+ 51	+ 154	+ 52
806	ζ Capr	− 26	+ 36	+ 25	+ 39	− 24	+ 40	− 24	+ 40	− 24	+ 41
807	71 Cygn[2]	− 77	+ 32	− 68	+ 53	− 83	+ 37	− 84	+ 37	− 84	+ 38
808	β Aqar	− 26	+ 11	+ 8	+ 2	− 25	+ 11	− 25	+ 11	− 25	+ 11
809	β Ceph	− 56	+ 37	+ 10	+ 66	− 55	+ 43	− 55	+ 44	− 54	+ 45
810	ν Octn	+248	+ 77	+ 495	+160	+289	+ 94	+292	+ 96	+ 297	+ 97
811	74 Cygn	− 62	+ 41	− 40	+ 73	− 66	+ 47	− 66	+ 48	− 66	+ 49
812	γ Capr	− 39	− 23	+ 1	− 60	− 39	− 28	− 39	− 29	− 39	− 30
813	13 H. Ceph	−122	0	− 138	− 16	−136	− 1	−137	− 2	− 138	− 1
814	ι PscA	+ 20	− 9	+ 107	− 14	+ 31	− 10	+ 31	− 10	+ 33	− 10
815	ε Pegs	− 37	+ 31	− 7	+ 53	− 38	+ 36	− 38	+ 37	− 38	+ 37
816	†κ Pegs *m*	− 51	+ 30	− 15	+ 54	− 53	+ 35	− 53	+ 36	− 52	+ 36
817	11 Ceph	− 58	+ 34	+ 9	+ 68	− 57	+ 40	− 57	+ 41	− 57	+ 42
818	λ Capr	− 62	+ 6	− 26	− 6	− 65	+ 5	− 65	+ 6	− 65	+ 5
819	δ Capr	− 18	+ 18	+ 27	+ 1	− 16	+ 19	− 16	+ 18	− 15	+ 18
820	ο Indi	+181	+ 83	+ 421	+185	+219	+102	+223	+103	+ 227	+105
821	π² Cygn	− 69	+ 34	− 62	+ 59	− 75	+ 39	− 75	+ 40	− 77	+ 41
822	γ Grus	+ 20	+ 47	+ 82	+ 57	+ 27	+ 53	+ 28	+ 54	+ 29	+ 54
823	16 Pegs	− 59	+ 10	− 23	+ 18	− 62	+ 11	− 61	+ 12	− 61	+ 12
824	δ Indi	+ 88	+119	+ 200	+260	+106	+144	+109	+147	+ 111	+149
825	ε Indi	− 12	+ 78	+ 11	+180	− 12	+ 96	− 11	+ 98	− 11	+ 99
826	20 Pegs	− 52	+ 45	− 5	+ 83	− 53	+ 53	− 52	+ 54	− 52	+ 54
827	α Aqar	− 29	+ 24	+ 7	+ 32	− 28	+ 27	− 28	+ 27	− 28	+ 28
828	ι Aqar	− 29	+ 2	+ 20	− 15	− 27	+ 1	− 27	0	− 27	+ 1
829	α Grus	− 6	+124	+ 39	+241	− 2	+147	− 2	+149	− 2	+152
830	20 Ceph	− 77	+ 18	− 3	+ 32	− 77	+ 21	− 77	+ 21	− 78	+ 21
831	ι Pegs	− 59	+ 35	− 33	+ 59	− 62	+ 41	− 62	+ 41	− 63	+ 42
832	μ PscA	+ 80	+ 32	+ 227	+ 40	+102	+ 36	+104	+ 37	+ 106	+ 37
833	27 Pegs	− 90	+ 10	− 71	+ 21	− 97	+ 12	− 97	+ 13	− 98	+ 12
834	ϑ Pegs	− 54	+ 35	− 25	+ 58	− 56	+ 40	− 57	+ 41	− 57	+ 42
835	π Pegs	− 63	+ 11	− 38	+ 23	− 66	+ 13	− 66	+ 13	− 67	+ 14
836	ζ Ceph	− 40	+ 23	− 4	+ 24	− 41	+ 25	− 41	+ 26	− 41	+ 26
837	24 Ceph	− 25	+ 29	+ 89	+ 61	− 17	+ 35	− 16	+ 35	− 15	+ 36
838	λ PscA	− 31	+ 13	+ 37	+ 8	− 28	+ 14	− 27	+ 14	− 27	+ 14
839	ε Octn	+836	+ 22	+1688	+ 55	+977	+ 29	+993	+ 30	+1009	+ 30
840	ϑ Aqar	− 34	+ 11	+ 15	+ 2	− 33	+ 11	− 33	+ 11	− 33	+ 12

[1] 4 PscA [2] g Cygn

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
801	21 14 54.617	+363.619	− 2.423	+ 0.395	−32 22 57.58	+1504.24	+34.35	− 2.12
802	21 17 34.125	+383.545	− 3.438	+ 0.558	−41 1 19.78	+1521.53	+35.79	− 0.07
803	21 17 23.171	+143.125	− 0.700	+ 2.119	+62 22 23.74	+1525.75	+13.14	+ 5.19
804	21 19 46.347	+277.445	+ 0.208	+ 0.720	+19 35 22.82	+1540.84	+25.44	+ 6.77
805	21 22 20.192	+495.830	−12.240	+ 1.526	−65 35 38.66	+1628.27	+45.37	+ 79.87
806	21 23 48.935	+342.425	− 1.653	+ 0.011	−22 37 44.42	+1559.27	+30.77	+ 2.68
807	21 27 36.085	+221.409	+ 0.659	+ 0.416	+46 19 9.96	+1588.08	+19.28	+ 10.85
808	21 28 55.647	+315.747	− 0.698	+ 0.119	− 5 47 31.67	+1583.91	+27.52	− 0.45
809	21 28 1.345	+ 77.290	− 3.629	+ 0.206	+70 20 27.90	+1580.84	+ 6.28	+ 1.35
810	21 35 59.932	+666.814	−36.921	+ 1.857	−77 36 50.23	+1597.49	+56.59	− 23.98
811	21 34 56.507	+240.490	+ 0.742	− 0.073	+40 11 17.67	+1617.91	+20.05	+ 1.89
812	21 37 19.369	+332.291	− 1.294	+ 1.308	−16 53 21.13	+1626.06	+27.66	− 2.19
813	21 37 24.394	+186.137	+ 0.420	− 0.065	+57 15 44.64	+1628.73	+15.11	+ 0.05
814	21 41 58.425	+357.250	− 2.570	+ 0.287	−33 15 17.87	+1642.55	+28.82	− 9.08
815	21 41 43.753	+294.621	− 0.032	+ 0.178	+ 9 38 41.65	+1650.90	+23.68	+ 0.48
816	21 42 22.713	+271.684	+ 0.494	+ 0.230	+25 24 51.97	+1655.13	+21.69	+ 1.50
817	21 41 11.727	+ 87.742	− 3.473	+ 2.351	+71 4 51.77	+1658.28	+ 6.77	+ 10.51
818	21 43 50.683	+322.848	− 0.982	+ 0.172	−11 35 50.80	+1660.40	+25.65	− 0.45
819	21 44 16.989	+331.027	− 1.240	+ 1.813	−16 21 18.46	+1633.68	+26.37	− 29.31
820	21 46 35.523	+507.228	−16.147	− 0.443	−69 51 48.61	+1673.92	+39.90	− 0.26
821	21 44 56.572	+221.687	+ 0.890	+ 0.022	+49 4 39.29	+1666.42	+17.25	+ 0.22
822	21 50 54.432	+363.119	− 3.073	+ 0.847	−37 36 3.31	+1693.37	+27.60	− 1.25
823	21 50 47.074	+272.998	+ 0.557	+ 0.020	+25 41 20.91	+1694.36	+20.55	+ 0.31
824	21 54 31.766	+408.142	− 6.515	+ 0.627	−55 13 52.90	+1711.01	+30.29	− 0.32
825	21 59 33.010	+458.598	− 7.572	+48.074	−56 59 33.38	+1478.84	+37.46	−254.93
826	21 58 39.087	+292.247	+ 0.159	+ 0.352	+12 52 46.98	+1725.24	+20.80	− 4.57
827	22 3 12.945	+308.070	− 0.392	+ 0.102	− 0 33 48.60	+1749.27	+21.17	− 0.36
828	22 3 44.302	+323.905	− 1.096	+ 0.257	−14 6 47.03	+1746.57	+22.20	− 5.29
829	22 5 5.451	+377.917	− 4.498	+ 1.227	−47 12 14.44	+1742.87	+25.81	− 14.70
830	22 3 29.159	+182.377	+ 0.608	+ 0.213	+62 32 28.72	+1757.13	+12.21	+ 6.35
831	22 4 40.827	+279.300	+ 0.652	+ 2.155	+25 6 0.75	+1758.67	+19.04	+ 2.83
832	22 5 28.289	+349.915	− 2.568	+ 0.637	−33 14 0.42	+1755.49	+23.73	− 3.68
833	22 7 0.496	+265.879	+ 0.912	− 0.494	+32 55 38.76	+1759.27	+17.55	− 6.30
834	22 7 40.594	+302.585	− 0.086	+ 1.814	+ 5 57 4.41	+1772.01	+20.14	+ 3.68
835	22 7 45.800	+266.488	+ 0.919	− 0.128	+32 55 56.02	+1767.03	+17.51	− 1.65
836	22 9 6.932	+208.172	+ 1.190	+ 0.136	+57 57 15.51	+1775.04	+13.37	+ 0.82
837	22 8 50.994	+115.160	− 2.325	+ 0.631	+72 5 41.23	+1774.53	+ 7.11	+ 1.40
838	22 11 28.958	+339.944	− 2.068	+ 0.199	−28 0 56.22	+1783.73	+21.84	− 0.02
839	22 14 32.943	+672.287	−55.494	+ 3.030	−80 41 24.06	+1792.39	+42.96	− 3.43
840	22 14 11.764	+316.505	− 0.734	+ 0.779	− 8 1 58.78	+1792.57	+19.82	− 1.88

Nr.	Name	1925.0 Δα (0ˢ.001)	1925.0 Δδ (0″.01)	1925.0 Δμ (0ˢ.00001)	1925.0 Δμ′ (0″.0001)	1934.5 Δα (0ˢ.001)	1934.5 Δδ (0″.01)	1935.5 Δα (0ˢ.001)	1935.5 Δδ (0″.01)	1936.5 Δα (0ˢ.001)	1936.5 Δδ (0″.01)
841	α Tucn	+32	+61	+144	+150	+45	+76	+46	+78	+48	+79
842	γ Aqar	−27	+43	+18	+58	−26	+49	−25	+49	−25	+50
843	31 Pegs	−35	+49	+33	+86	−32	+57	−32	+58	−32	+59
844	β Lacr[1]	−68	+35	−49	+52	−73	+40	−74	+41	−74	+40
845	ν Grus	+13	+38	+72	+52	+19	+42	+20	+44	+21	+44
846	δ¹ Grus	+17	+42	+74	+99	+24	+52	+24	+53	+25	+54
847	δ Ceph	−74	+8	−55	+4	−79	+8	−79	+8	−80	+9
848	α Lacr[2]	−82	+33	−79	+57	−89	+38	−90	+39	−91	+40
849	υ Aqar	−47	+12	+5	+4	−47	+13	−47	+12	−47	+13
850	η Aqar	−37	+36	+7	+53	−37	+41	−37	+42	−36	+42
851	31 Ceph	−36	+35	+55	+71	−31	+42	−30	+42	−31	+43
852	10 Lacr	−74	+15	−47	+31	−79	+18	−79	+19	−80	+19
853	30 Ceph	−126	+12	−131	+19	−139	+13	−141	+14	−142	+14
854	ε PscA	+12	+21	+91	+33	+20	+24	+21	+24	+22	+25
855	ζ Pegs	−45	+33	−5	+60	−46	+39	−46	+40	−45	+40
856	β Grus	+72	+107	+160	+223	+87	+128	+89	+130	+91	+133
857	η Pegs	−57	+56	−33	+108	−61	+67	−61	+68	−60	+69
858	13 Lacr	−59	+35	−36	+55	−63	+40	−63	+41	−63	+41
859	λ Pegs	−51	+22	−18	+43	−52	+26	−53	+27	−53	+27
860	ε Grus	+58	+57	+145	+143	+72	+71	+73	+72	+74	+74
861	τ Aqar	−31	+22	+19	+19	−30	+24	−29	+25	−30	+25
862	μ Pegs	−58	+24	−30	+48	−60	+29	−61	+29	−62	+30
863	ι Ceph	−45	+27	+12	+48	−44	+32	−45	+32	−44	+32
864	λ Aqar	−36	+17	+6	+16	−36	+19	−36	+19	−36	+19
865	ρ Indi	+118	+57	+278	+124	+142	+69	+144	+71	+147	+72
866	δ Aqar	−7	+3	+46	−10	−3	+2	−2	+2	−2	+2
867	α PscA	+39	−4	+111	−4	+50	−4	+51	−4	+52	−4
868	ζ Grus	+10	+39	+64	+119	+16	+51	+16	+52	+16	+53
869	ο Andr	−72	+86	−62	+144	−78	+101	−78	+101	−79	+103
870	β Pegs	−58	+31	−39	+57	−62	+37	−62	+37	−63	+37
871	α Pegs	−32	+22	+5	+47	−32	+27	−31	+27	−31	+28
872	†ϑ Grus	+38	+108	+115	+221	+49	+129	+50	+132	+52	+134
873	88 Aqar[3]	−3	+24	+64	+35	+3	+27	+3	+27	+4	+28
874	†π Ceph	−92	+19	−74	+41	−100	+23	−101	+23	−101	+24
875	Br 3077 Cass	−127	+27	−142	+31	−142	+30	−143	+31	−144	+31
876	25 G. Tucn	+85	+123	+215	+284	+104	+150	+106	+153	+108	+155
877	γ Tucn	+94	+38	+212	+122	+113	+50	+115	+51	+118	+53
878	γ Pisc	−26	+39	+32	+61	−23	+45	−23	+45	−22	+46
879	γ Scul	−2	+42	+71	+70	+5	+48	+5	+49	+6	+50
880	τ Pegs	−46	+56	+2	+113	−46	+68	−46	+68	−46	+69

[1] 3 Lacr   [2] 7 Lacr   [3] c^2 Aqar

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	h m s	s	s	s	° ′ ″	″	″	″
841	22 15 5.693	+410.904	− 8.295	− 0.831	−60 30 34.77	+1794.50	+25.65	− 3.43
842	22 19 4.421	+309.809	− 0.394	+ 0.852	− 1 38 23.80	+1814.29	+18.53	+ 1.25
843	22 19 3.303	+295.289	+ 0.216	+ 0.022	+11 57 9.91	+1814.70	+17.58	+ 1.73
844	22 21 35.319	+235.988	+ 1.611	− 0.194	+51 58 40.87	+1803.77	+13.54	−18.53
845	22 25 43.742	+351.503	− 3.188	+ 0.315	−39 23 7.55	+1821.43	+19.71	−15.65
846	22 26 17.327	+358.430	− 3.805	+ 0.244	−43 45 6.16	+1839.19	+19.99	+ 0.15
847	22 27 18.519	+222.775	+ 1.740	+ 0.113	+58 9 31.62	+1842.83	+12.01	+ 0.27
848	22 29 13.562	+247.232	+ 1.749	+ 1.394	+50 1 29.95	+1851.34	+13.20	+ 2.25
849	22 31 57.673	+328.069	− 1.469	+ 1.555	−20 57 54.03	+1843.86	+17.21	−14.33
850	22 32 47.210	+308.248	− 0.277	+ 0.595	− 0 22 32.75	+1855.88	+15.93	− 5.00
851	22 34 31.966	+148.109	− 0.539	+ 3.909	+73 23 0.41	+1869.57	+ 7.27	+ 3.07
852	22 37 0.781	+269.279	+ 1.462	− 0.006	+38 47 22.32	+1873.98	+13.11	− 0.31
853	22 36 52.232	+212.839	+ 1.940	− 0.124	+63 19 27.10	+1871.89	+10.20	− 1.96
854	22 37 53.631	+331.725	− 1.924	+ 0.211	−27 18 17.75	+1877.57	+16.17	+ 0.56
855	22 38 58.000	+299.222	+ 0.264	+ 0.528	+10 34 11.42	+1879.61	+14.33	− 0.66
856	22 39 41.428	+358.099	− 4.276	+ 1.330	−47 8 48.02	+1882.17	+17.18	− 0.28
857	22 40 39.268	+281.282	+ 1.129	+ 0.089	+29 57 33.38	+1883.13	+13.12	− 2.21
858	22 41 51.372	+267.620	+ 1.644	− 0.097	+41 33 23.27	+1889.94	+12.24	+ 1.06
859	22 44 7.167	+289.008	+ 0.867	+ 0.389	+23 18 7.39	+1894.84	+12.91	− 0.57
860	22 45 32.676	+362.205	− 5.066	+ 1.107	−51 34 48.97	+1893.53	+16.10	− 5.89
861	22 46 56.750	+317.558	− 0.949	− 0.099	−13 51 25.10	+1900.20	+13.69	− 3.09
862	22 47 35.195	+289.613	+ 0.949	+ 1.065	+24 20 13.77	+1901.48	+12.36	− 3.57
863	22 47 53.590	+213.594	+ 2.352	− 1.134	+65 56 13.85	+1894.07	+ 8.77	−11.80
864	22 50 0.379	+312.915	− 0.597	+ 0.052	− 7 50 46.18	+1915.48	+12.90	+ 3.97
865	22 51 12.660	+417.180	−13.947	− 0.733	−70 20 29.02	+1922.10	+17.13	+ 7.44
866	22 51 59.904	+318.306	− 1.063	− 0.288	−16 5 13.90	+1914.64	+12.73	− 2.04
867	22 54 53.530	+331.432	− 2.071	+ 2.581	−29 53 15.69	+1908.02	+12.83	−15.90
868	22 57 56.316	+354.062	− 5.152	− 0.736	−53 1 21.63	+1930.83	+12.95	− 0.39
869	22 59 36.882	+276.115	+ 1.946	+ 0.184	+42 3 25.27	+1935.25	+ 9.67	+ 0.16
870	23 1 20.776	+290.900	+ 1.230	+ 1.415	+27 48 40.54	+1953.31	+ 9.96	+14.33
871	23 2 16.063	+298.861	+ 0.607	+ 0.418	+14 56 9.16	+1937.37	+10.05	− 3.64
872	23 4 4.180	+337.877	− 3.458	− 0.401	−43 47 27.02	+1943.30	+11.05	− 1.57
873	23 6 46.979	+319.791	− 1.345	+ 0.386	−21 26 38.80	+1954.42	+ 9.91	+ 3.95
874	23 6 17.964	+190.811	+ 2.595	+ 0.216	+75 7 1.64	+1947.35	+ 5.64	− 2.14
875	23 10 51.859	+288.986	+ 3.859	+25.254	+56 53 31.44	+1988.37	+ 8.59	+30.00
876	23 13 58.253	+360.558	− 7.583	+ 2.515	−62 16 26.75	+1961.55	+ 9.73	− 2.42
877	23 14 31.445	+349.945	− 6.197	− 0.382	−58 30 36.19	+1974.35	+ 9.21	+ 9.42
878	23 14 34.331	+311.005	+ 0.092	+ 5.062	+ 3 0 31.78	+1967.45	+ 8.23	+ 2.44
879	23 16 7.705	+323.888	− 2.154	+ 0.175	−32 48 16.63	+1961.60	+ 8.15	− 6.05
880	23 18 9.504	+297.009	+ 1.148	+ 0.213	+23 27 59.17	+1970.74	+ 7.03	− 0.21

Nr.	Name	1925.0 Δα (0.ˢ001)	1925.0 Δδ (0.″01)	1925.0 Δμ (0.ˢ00001)	1925.0 Δμ′ (0.″0001)	1934.5 Δα (0.ˢ001)	1934.5 Δδ (0.″01)	1935.5 Δα (0.ˢ001)	1935.5 Δδ (0.″01)	1936.5 Δα (0.ˢ001)	1936.5 Δδ (0.″01)
881	υ Pegs	− 53	+ 35	− 10	+ 67	− 54	+ 42	− 54	+ 42	− 54	+ 42
882	4 Cass	− 90	+ 29	− 99	+ 47	−100	+ 34	−102	+ 34	−103	+ 34
883	ο Grus	+131	+ 57	+293	+144	+159	+ 71	+162	+ 73	+164	+ 74
884	κ Pisc	− 53	+ 19	− 5	+ 29	− 54	+ 22	− 54	+ 23	− 54	+ 23
885	70 Pegs	− 32	+ 60	+ 32	+113	− 29	+ 71	− 29	+ 72	− 28	+ 74
886	β Scul	+ 5	+ 53	+ 75	+ 71	+ 12	+ 59	+ 12	+ 60	+ 13	+ 61
887	†72 Pegs *m*	− 63	+ 3	− 26	+ 5	− 65	+ 4	− 66	+ 4	− 66	+ 4
888	248 G. Aqar	− 48	+ 14	+ 21	+ 20	− 47	+ 16	− 46	+ 17	− 46	+ 17
889	11 G. Phoe	+ 50	+147	+164	+325	+ 66	+178	+ 67	+182	+ 69	+185
890	λ Andr	− 67	+ 44	− 44	+ 71	− 71	+ 51	− 72	+ 51	− 72	+ 52
891	ι Andr	− 60	+ 45	− 32	+ 74	− 63	+ 53	− 63	+ 53	− 63	+ 54
892	ι Pisc	− 35	+ 48	+ 22	+ 82	− 33	+ 55	− 33	+ 56	− 33	+ 57
893	γ Ceph	−180	− 2	−281	+ 3	−209	− 1	−212	− 2	−215	− 1
894	ω² Aqar	− 38	− 1	+ 12	− 14	− 37	− 2	− 37	− 2	− 37	− 2
895	41 H. Ceph	− 82	+ 9	− 98	+ 23	− 93	+ 11	− 94	+ 11	− 95	+ 12
896	δ Scul	+ 8	+ 38	+ 97	+ 52	+ 18	+ 43	+ 18	+ 43	+ 19	+ 44
897	268 G. Aqar	− 14	− 23	+ 69	− 78	− 7	− 30	− 7	− 31	− 6	− 31
898	φ Pegs	− 38	+ 46	+ 31	+ 88	− 35	+ 55	− 35	+ 55	− 35	+ 56
899	ρ Cass	− 59	+ 15	+ 4	+ 10	− 59	+ 16	− 60	+ 17	− 59	+ 16
900	27 Pisc	− 15	+ 13	+ 46	+ 26	− 11	+ 16	− 11	+ 16	− 10	+ 17
901	π Phoe	+109	+105	+264	+238	+133	+128	+136	+130	+138	+133
902	ω Pisc	− 38	+ 8	+ 15	+ 13	− 37	+ 10	− 36	+ 10	− 37	+ 9
903	ε Tucn	+ 96	+ 59	+255	+143	+119	+ 73	+121	+ 74	+124	+ 76
904	ϑ Octn	+250	+ 52	+669	+112	+309	+ 63	+315	+ 64	+321	+ 66
905	2 Ceti	− 16	+ 21	+ 50	+ 20	− 11	+ 24	− 12	+ 24	− 11	+ 24

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ'
	h m s	s	s	s	° ′ ″	″	″	″
881	23 22 52.792	+299.495	+ 1.177	+1.371	+23 7 43.12	+1982.23	+6.23	+ 4.21
882	23 22 36.315	+266.566	+ 4.069	+0.074	+62 0 29.39	+1977.08	+5.48	− 0.56
883	23 23 49.182	+335.456	− 4.665	+0.254	−52 59 54.93	+1992.64	+6.85	+13.30
884	23 24 22.082	+307.531	+ 0.040	+0.558	+ 0 58 54.03	+1971.08	+6.11	− 9.01
885	23 26 37.406	+303.449	+ 0.639	+0.415	+12 29 4.64	+1986.95	+5.58	+ 3.90
886	23 30 17.685	+321.594	− 2.524	+0.728	−38 5 42.27	+1989.56	+5.22	+ 2.11
887	23 31 28.030	+297.715	+ 1.703	+0.377	+31 2 57.19	+1987.58	+4.55	− 1.17
888	23 32 57.295	+309.437	− 0.376	−0.028	− 7 44 28.57	+1992.84	+4.46	+ 2.52
889	23 35 9.868	+322.807	− 3.317	+0.635	−45 46 8.86	+1992.02	+4.25	− 0.48
890	23 35 6.514	+293.750	+ 2.885	+1.519	+46 11 13.85	+1950.87	+3.82	−41.58
891	23 35 40.603	+294.365	+ 2.590	+0.234	+42 59 28.16	+1993.23	+3.70	+ 0.25
892	23 37 22.599	+308.588	+ 0.346	+2.495	+ 5 21 18.60	+1951.34	+3.62	−43.16
893	23 37 16.454	+246.231	+ 8.018	−2.144	+77 21 11.87	+2010.13	+2.69	+15.72
894	23 40 7.803	+311.046	− 0.733	+0.658	−14 49 17.52	+1990.32	+3.08	− 6.41
895	23 45 30.240	+287.042	+ 6.367	+0.134	+67 31 44.31	+2000.59	+1.80	+ 0.34
896	23 46 19.471	+312.444	− 1.558	+0.807	−28 24 24.60	+1990.72	+1.87	− 9.97
897	23 47 39.921	+309.552	− 0.432	+0.925	−10 15 12.16	+2009.21	+1.58	+ 7.85
898	23 49 56.427	+305.276	+ 1.135	−0.050	+18 50 33.34	+1999.29	+1.10	− 3.04
899	23 51 52.412	+299.904	+ 4.554	−0.067	+57 13 16.59	+2003.49	+0.70	+ 0.49
900	23 56 6.768	+307.154	− 0.035	−0.325	− 3 50 0.12	+1997.39	−0.10	− 6.58
901	23 56 20.752	+310.715	− 3.890	+0.558	−53 1 30.32	+2010.94	−0.13	+ 6.94
902	23 56 44.495	+308.121	+ 0.515	+1.013	+ 6 35 11.45	+1993.25	−0.21	−10.81
903	23 57 19.975	+311.688	− 6.681	+0.892	−65 51 18.96	+2002.27	−0.32	− 1.85
904	23 59 3.366	+308.272	−13.198	−1.505	−77 20 29.62	+1988.29	−0.67	−15.95
905	0 1 10.751	+307.274	− 0.755	+0.165	−17 36 51.30	+2004.05	−1.09	− 0.18

Definitive Verbesserungen des NFK

Nördliche Polsterne

Nr.	Name	1925.0 Δα (0.s001)	1925.0 Δδ (0.''01)	1925.0 Δμ (0.s00001)	1925.0 Δμ′ (0.''0001)	1934.5 Δα (0.s001)	1934.5 Δδ (0.''01)	1935.5 Δα (0.s001)	1935.5 Δδ (0.''01)	1936.5 Δα (0.s001)	1936.5 Δδ (0.''01)
Na	43 H. Ceph	0	− 15	+ 29	− 43	+ 3	− 19	+ 3	− 20	+ 4	− 20
Nb	α UMin	+ 649	− 11	+ 909	− 38	+ 760	− 15	+ 772	− 16	+ 784	− 16
Nc	Grb 750 Ceph	+ 51	− 9	+ 67	− 34	+ 57	− 12	+ 58	− 12	+ 58	− 13
Nd	51 H. Ceph	+ 260	+ 10	+ 445	− 3	+ 303	+ 10	+ 307	+ 10	+ 312	+ 9
Ne	1 H. Drac	− 49	+ 15	− 43	+ 18	− 52	+ 17	− 53	+ 17	− 53	+ 17
Nf	30 H. Caml	+ 59	− 33	+ 146	− 69	+ 72	− 40	+ 73	− 40	+ 74	− 41
Ng	ε UMin	− 140	− 14	− 116	− 28	− 150	− 17	− 151	− 17	− 152	− 17
Nh	δ UMin	− 215	− 11	− 192	− 28	− 230	− 13	− 232	− 13	− 233	− 13
Ni	λ UMin	− 954	− 2	−1111	− 22	−1060	− 6	−1071	− 6	−1081	− 6
Nk	76 Drac	− 215	− 3	− 249	− 3	− 239	− 3	− 242	− 4	− 244	− 4

Südliche Polsterne

Nr.	Name	1925.0 Δα (0.s001)	1925.0 Δδ (0.''01)	1925.0 Δμ (0.s00001)	1925.0 Δμ′ (0.''0001)	1934.5 Δα (0.s001)	1934.5 Δδ (0.''01)	1935.5 Δα (0.s001)	1935.5 Δδ (0.''01)	1936.5 Δα (0.s001)	1936.5 Δδ (0.''01)
Sa	4 G. Octn	+ 356	− 49	+ 346	− 95	+ 383	− 58	+ 385	− 59	+ 388	− 60
Sb	ξ Mens	+ 33	− 37	+ 115	− 38	+ 43	− 41	+ 44	− 41	+ 45	− 41
Sc	ζ Octn	− 199	− 75	+ 328	−142	− 175	− 89	− 172	− 90	− 170	− 91
Sd	ι Octn	+ 270	+ 7	+ 326	− 9	+ 304	+ 6	+ 308	+ 6	+ 311	+ 6
Se	20 G. Octn	+ 209	+ 12	+ 763	+ 30	+ 282	+ 15	+ 289	+ 16	+ 297	+ 16
Sf	26 G. Octn	+ 256	+ 20	+ 445	+ 17	+ 296	+ 22	+ 301	+ 22	+ 305	+ 22
Sg	χ Octn	+ 97	+ 1	+ 716	0	+ 164	+ 1	+ 171	+ 1	+ 178	+ 1
Sh	σ Octn	+1458	− 39	+2764	− 69	+1791	− 44	+1827	− 44	+1862	− 45
Si	β Octn	+ 138	+ 29	+ 294	+ 66	+ 165	+ 36	+ 167	+ 36	+ 170	+ 37
Sk	τ Octn	+ 517	− 26	+ 819	− 40	+ 582	− 30	+ 589	− 30	+ 596	− 31

Nr.	α	$\frac{d\alpha}{dT}$	$\frac{d^2\alpha}{dT^2}$	100 μ	δ	$\frac{d\delta}{dT}$	$\frac{d^2\delta}{dT^2}$	100 μ′
	Nördliche Polsterne							
	h m s	s	s	s	° ′ ″	″	″	″
Na	1 1 30.817	+ 820.59	+ 178.5	+ 7.789	+85 59 24.26	+1931.85	— 32.8	— 0.64
Nb	1 48 48.609	+3928.29	+3846.7	+17.781	+89 1 43.72	+1782.06	— 263.7	— 0.52
Nc	4 19 53.711	+1819.70	+ 171.5	+ 1.783	+85 25 3.31	+ 850.70	— 240.9	+ 2.83
Nd	7 17 50.671	+2812.24	— 345.8	— 4.799	+87 7 34.52	— 671.14	— 385.5	— 3.39
Ne	9 30 7.447	+ 853.81	— 73.4	— 0.665	+81 33 0.28	—1592.57	— 75.0	— 1.83
Nf	10 25 9.898	+ 729.06	— 81.6	— 4.411	+82 48 52.02	—1832.62	— 41.7	+ 2.49
Ng	16 51 0.888	— 614.36	+ 32.9	+ 0.623	+82 7 21.57	— 593.86	— 85.2	+ 0.36
Nh	17 48 18.292	—1944.07	+ 34.3	+ 1.133	+86 36 34.85	— 96.77	— 282.8	+ 5.47
Ni	18 21 21.379	—7735.12	— 858.2	—11.277	+89 3 3.50	+ 186.62	—1124.2	+ 0.11
Nk	20 46 19.839	— 435.17	— 56.8	+ 1.395	+82 20 52.38	+1332.95	— 47.9	+ 2.73
	Südliche Polsterne							
	h m s	s	s	s	° ′ ″	″	″	″
Sa	1 40 5.309	— 339.49	+ 100.9	+ 2.154	—85 1 22.67	+1818.61	+ 20.0	+ 2.46
Sb	5 4 29.142	— 683.66	+ 30.8	— 0.268	—82 32 26.28	+ 481.80	+ 96.5	+ 1.05
Sc	9 4 21.004	— 870.51	— 180.3	— 9.180	—85 27 57.92	—1440.21	+ 89.6	+ 3.65
Sd	12 49 30.149	+ 629.86	+ 100.6	+ 4.641	—84 51 8.67	—1955.23	+ 20.7	+ 2.46
Se	15 1 25.862	+2942.90	+1067.7	—17.804	—87 56 52.76	—1415.33	+304.0	— 6.99
Sf	16 41 50.383	+2246.16	+ 209.1	+ 0.993	—86 16 55.64	— 670.36	+308.9	0.00
Sg	18 25 47.207	+3539.61	— 171.5	— 6.860	—87 39 9.95	+ 211.91	+511.6	—13.13
Sh	20 15 3.760	+7707.21	—5428.2	+13.037	—89 8 18.56	+1113.73	+935.0	— 0.23
Si	22 41 4.554	+ 612.17	— 57.5	— 2.295	—81 38 40.91	+1887.48	+ 29.2	+ 0.90
Sk	23 21 21.831	+ 882.55	— 357.1	+ 2.684	—87 45 27.43	+1976.99	+ 20.8	+ 1.15

Komponenten der Doppelsterne

Die Reduktionen sind im Sinne Komponente minus Schwerpunkt gegeben.

Nr.	Name	1925.0		1950.0	
		Δα	Δδ	Δα	Δδ
257	α CMaj . Hauptstern	s −0.190	" −1.67	s −0.050	" +1.14
287	α Gemi B .	−0.113	−2.22	+0.022	−0.68
	α Gemi A .	+0.082	+1.60	−0.016	+0.49
291	α CMin . Hauptstern	−0.016	+0.64	−0.038	−1.01
538	α Cent B . .	−0.600	−3.74	+0.265	+5.33
	α Cent A . .	+0.511	+3.18	−0.225	−4.54

Nr.	Name	1934.0		1935.0		1936.0		1937.0	
		Δα	Δδ	Δα	Δδ	Δα	Δδ	Δα	Δδ
257	α CMaj . . . Hauptstern .	s −0.104	" −1.94	s −0.090	" −1.90	s −0.074	" −1.82	s −0.058	" −1.73
287	α Gemi B . . .	−0.072	−1.91	−0.067	−1.86	−0.061	−1.81	−0.056	−1.76
	α Gemi A . . .	+0.052	+1.38	+0.048	+1.35	+0.044	+1.31	+0.040	+1.27
291	α CMin . . . Hauptstern .	+0.058	−0.42	+0.057	−0.56	+0.054	−0.69	+0.051	−0.81
538	α Cent B . . .	−0.330	+0.19	−0.295	+0.63	−0.259	+1.08	−0.222	+1.52
	α Cent A . . .	+0.281	−0.16	+0.251	−0.54	+0.220	−0.91	+0.189	−1.29

Bemerkungen: Nr. 257 nach Volet, Bull. Astr. 7, 13. — Nr. 287 nach Rabe, AN **216**, 49. — Nr. 291 nach Spencer Jones, MN **88**, 403. — Nr. 538 nach Finsen, Union Circ. Nr. 68, 349. Die Angaben für α Cent beruhen auf einem neuen, durch F. Gondolatsch hergeleiteten Massenverhältnis B : A = 0,85 : 1.

Zusatzsterne

des

Dritten Fundamentalkatalogs

für 1925.0

Die nachfolgende Sternliste enthält die genäherten Örter derjenigen Sterne, die in Zukunft dem Fundamentalkatalog des Berliner Astronomischen Jahrbuchs hinzugefügt werden sollen. Die letzten Spalten geben die Nummern dieser Sterne in dem Fundamentalkatalog von Eichelberger (Eich), dem PGC, und dem Verzeichnis von Fundamentalsternen im Supplément à la Connaissance des Temps pour l'an 1914 (BH); ferner den Nachweis, in welchen der vier großen Jahrbücher (Alm) die Sterne bisher aufgenommen waren (n = Naut. Alm., a = Americ. Ephem., c = Conn. d. T., s = Alm. Nautico).

Bei der Auswahl der Sterne sind enge Doppelsterne und sonst für Fundamentalsterne ungeeignete Objekte unterdrückt worden, ebenso wie dies in Zukunft auch beim FK3 geschehen soll (vgl. AN 231 Nr. 5537). Die neu hinzugekommenen hohen Polsterne am Nordhimmel sind dem Verzeichnis von F. Renz entnommen (VJS der AG 61, 302), am Südhimmel gehören die Sterne dem „Süd-Polar-Catalog für 1900" von Auwers an (AN 143 Nr. 3432 und Cape Annals 11, Part 5). Die Fußnoten enthalten Angaben über Parallaxen und Begleiter. Weitere Erläuterungen werden in den AN 252 Nr. 6035 gegeben.

Nr.	Name	Gr.	Sp.	α	$\frac{d\alpha}{dt}$	δ	$\frac{d\delta}{dt}$	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1001	45 G. Tucn	5.64	B 9	0 0 53.97	+3.063	−71 51 15.6	+20.03	—	6185	1	—
1002	33 Pisc	4.68	K 0	0 1 29.75	+3.071	− 6 7 37.0	+20.15	1	1	4	a
1003	9 G. Ceti	6.06	F 0	0 2 59.97	+3.073	−23 31 27.0	+20.00	—	—	6	—
1004	χ Pegs	4.94	Ma	0 10 43.13	+3.102	+19 47 21.7	+20.01	—	31	—	—
1005	σ Andr	4.51	A 2	0 14 24.16	+3.129	+36 22 10.9	+19.98	15	50	29	a
1006	Pi 0h38 Andr	5.80	A 0	0 14 42.98	+3.131	+31 6 2.8	+20.00	—	51	30	—
1007	−18°41 Ceti	6.88	K 0	0 16 14.78	+3.044	−18 7 0.3	+19.98	—	—	36	—
1008	41 Pisc	5.58	K 0	0 16 44.14	+3.085	+ 7 46 26.0	+20.01	18	56	37	n
1009	ρ Andr	5.20	F 5	0 17 9.82	+3.154	+37 33 11.9	+19.96	19	57	38	ac
1010	44 Pisc	5.99	G 5	0 21 33.39	+3.075	+ 1 31 28.6	+19.95	21	73	41	na
1011	Pi 0h78 Ceti	7.54	Mb	0 24 12.20	+3.045	−12 4 24.6	+19.91	—	—	45	—
1012	48 Pisc	6.46	K 2	0 24 18.73	+3.114	+16 1 49.3	+19.92	—	84	47	—
1013	77 G. Scul	5.62	K 0	0 29 58.61	+2.970	−29 58 17.5	+19.85	—	109	61	—
1014	58 G. Phoe	5.55	F 5	0 30 54.04	+2.860	−52 47 14.5	+19.89	—	114	62	—
1015	μ Phoe	4.65	K 0	0 37 47.13	+2.840	−46 29 46.8	+19.79	38	142	80	a
1016	Lac 181 Scul	7.21	Ma	0 38 59.91	+2.906	−36 26 0.9	+19.76	—	—	81	—
1017	70 G. Phoe	6.00	A 5	0 41 24.49	+2.837	−43 5 5.9	+19.60	—	—	88	—
1018	79 G. Ceti	5.45	B 9	0 44 18.47	+2.969	−22 7 53.8	+19.68	—	169	93	—
1019	96 G. Pisc[1])	5.82	G 5	0 44 26.81	+3.146	+ 4 53 43.1	+18.53	45	171	94	c
1020	64 Pisc	5.23	F 5	0 45 2.06	+3.149	+16 32 9.3	+19.46	—	174	97	—
1021	ν Andr	4.42	B 3	0 45 40.18	+3.301	+40 40 14.8	+19.63	48	175	99	ac
1022	20 Ceti	4.92	K 0	0 49 10.40	+3.065	− 1 33 4.2	+19.58	52	191	107	na
1023	68 Pisc	5.64	K 0	0 53 46.22	+3.242	+28 35 13.6	+19.49	56	209	115	—
1024	98 G. Ceti	6.70	K 0	0 54 57.80	+3.037	− 6 17 9.5	+19.39	—	—	118	—
1025	101 G. Ceti	6.58	G 5	0 57 55.36	+2.978	−16 40 1.6	+19.34	—	—	122	—
1026	σ Scul	5.52	A 2	0 58 51.63	+2.867	−31 57 20.2	+19.40	—	225	123	—
1027	80 G. Phoe	6.00	K 0	0 58 51.80	+2.543	−57 24 21.7	+19.40	—	227	124	—
1028	72 Pisc	5.65	F 2	1 1 7.58	+3.165	+14 32 35.6	+19.40	61	234	130	n
1029	106 G. Ceti	6.29	G 5	1 2 29.83	+2.908	−24 23 35.0	+19.27	—	—	131	—
1030	μ Cass[2])	5.26	G 5	1 3 16.04	+3.978	+54 33 10.9	+17.72	64	244	133	ac
1031	υ Phoe	5.15	A 3	1 4 22.48	+2.743	−41 53 15.9	+19.26	—	253	—	—
1032	χ Pisc	4.89	K 0	1 7 25.04	+3.221	+20 38 10.5	+19.18	71	270	146	—
1033	ζ Pisc *pr*[3])	5.57	A 5	1 9 48.59	+3.133	+ 7 10 45.1	+19.08	74	282	150	na
1034	89 Pisc	5.28	A 2	1 13 55.67	+3.093	+ 3 13 12.1	+19.00	77	295	157	a
1035	ξ Andr	4.99	K 0	1 17 54.91	+3.524	+45 8 10.8	+18.91	80	304	165	c
1036	109 G. Scul	5.82	K 5	1 20 1.67	+2.795	−31 20 10.0	+18.78	—	311	167	—
1037	138 G. Ceti	6.38	G 5	1 20 59.96	+3.047	− 3 14 18.6	+18.79	—	—	171	—
1038	9 G. Hydi	5.82	K 5	1 22 29.77	+2.074	−64 45 33.3	+18.76	—	—	175	—
1039	94 Pisc	5.63	K 0	1 22 38.37	+3.237	+18 51 7.8	+18.70	—	319	174	—
1040	ω Andr[4])	4.96	F 5	1 23 9.49	+3.579	+45 1 11.9	+18.63	84	321	176	ac

[1]) Par 0″.15 [2]) Par 0″.13 [3]) 6.49 24″ 63° [4]) 12.0 2″ 103°

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1041	47 Ceti	5.68	F 0	1 23 9.49	+2.961	−13 26 46.0	+18.74	—	322	177	—
1042	38 Cass	5.95	F 5	1 25 37.12	+4.430	+69 52 45.8	+18.59	86	327	179	a
1043	48 Ceti	5.13	A 0	1 26 0.28	+2.879	−22 1 1.1	+18.65	—	331	180	—
1044	δ Phoe	3.96	K 0	1 28 7.88	+2.501	−49 27 43.0	+18.75	89	336	185	s
1045	υ Andr	4.18	G 0	1 32 23.20	+3.514	+41 1 51.6	+18.07	90	350	193	a
1046	π Pisc	5.63	F 0	1 33 7.14	+3.178	+11 45 30.9	+18.47	92	356	195	a
1047	+34°297 Tria	5.45	B 8	1 37 42.95	+3.461	+34 52 3.4	+18.22	—	379	—	—
1048	π Scul	5.28	K 0	1 38 45.55	+2.710	−32 42 16.7	+18.18	—	385	209	—
1049	175 G. Ceti	5.27	G 5	1 38 55.91	+3.034	− 4 4 3.5	+18.18	—	387	211	—
1050	4 Aris	5.73	A 0	1 44 6.61	+3.251	+16 34 57.5	+17.99	—	403	222	—
1051	χ Ceti	4.77	F 0	1 45 54.00	+2.946	−11 3 23.9	+17.87	107	411	226	c
1052	2 Pers	5.64	B 9	1 47 22.41	+3.804	+50 25 22.3	+17.86	108	415	228	a
1053	φ Phoe	5.00	B 9	1 51 15.38	+2.490	−42 51 52.1	+17.70	—	433	239	—
1054	4 Pers	4.99	B 8	1 57 17.64	+3.983	+54 7 32.5	+17.48	—	459	252	—
1055	ν Forn	4.74	A op	2 1 7.77	+2.690	−29 39 22.8	+17.31	—	474	—	—
1056	15 Aris	5.92	Ma	2 6 27.86	+3.322	+19 8 50.4	+17.05	127	491	265	c
1057	19 Aris	5.99	K 5	2 8 57.64	+3.270	+14 55 44.5	+16.93	—	502	—	—
1058	ξ¹ Ceti	4.54	G 5	2 9 1.27	+3.178	+ 8 29 44.7	+16.96	130	505	273	na
1059	21 Aris	5.64	F 5	2 11 27.17	+3.400	+24 41 46.1	+16.75	—	509	275	—
1060	135 G. Phoe	5.86	K 0	2 11 29.89	+2.428	−41 30 56.2	+16.80	—	512	276	—
1061	232 G. Ceti	5.82	F 8	2 14 7.54	+3.115	+ 1 24 14.2	+17.09	—	523	283	—
1062	21 G. Forn	6.74	G 5	2 14 9.27	+2.544	−36 19 49.7	+16.76	—	525	284	—
1063	62 Andr	5.12	A 0	2 14 25.81	+3.861	+47 2 5.5	+16.68	—	522	285	—
1064	239 G. Ceti	5.99	K 0	2 18 32.92	+2.827	−18 0 9.9	+16.45	—	—	288	—
1065	δ Hydi	4.26	A 2	2 20 24.53	+1.062	−69 0 1.5	+16.41	138	548	290	na
1066	ρ Ceti	4.90	A 0	2 22 19.51	+2.897	−12 37 40.6	+16.31	140	551	294	c
1067	κ Hydi	6.00	K 0	2 22 24.56	+0.340	−73 59 7.7	+16.30	—	558	296	—
1068	12 Tria	5.38	F 0	2 23 45.81	+3.512	+29 20 7.4	+16.14	—	559	299	—
1069	27 Aris	6.41	G 5	2 26 44.48	+3.324	+17 22 22.9	+16.00	145	568	305	—
1070	14 Tria	5.35	K 0	2 27 31.07	+3.655	+35 48 55.5	+16.04	—	571	306	—
1071	σ Ceti	4.82	F 5	2 28 31.88	+2.843	−15 34 23.2	+15.86	146	575	307	ac
1072	ν Ceti[1])	5.04	G 5	2 31 56.10	+3.146	+ 5 16 0.7	+15.78	150	589	312	na
1073	268 G. Ceti[2])	5.92	K 0	2 31 57.89	+3.288	+ 6 31 47.5	+17.26	151	588	313	c
1074	80 Ceti	5.71	K 5	2 32 18.45	+2.952	− 8 9 25.6	+15.71	—	590	314	—
1075	ι Erid	4.06	K 0	2 37 42.45	+2.368	−40 10 32.4	+15.46	158	614	326	—
1076	ζ Horo	5.26	F 2	2 38 19.63	+1.867	−54 52 14.3	+15.44	—	618	—	—
1077	14 Pers	5.58	G 5	2 39 11.57	+3.898	+43 58 45.1	+15.40	—	619	332	—
1078	43 G. Forn[3])	6.87	G 0	2 40 54.56	+2.667	−25 48 47.5	+15.36	—	—	339	—
1079	σ Aris	5.46	B 5	2 47 20.84	+3.309	+14 46 26.4	+14.91	170	648	352	nac
1080	40 G. Erid	5.27	A 2	2 52 51.75	+3.007	− 4 0 48.7	+14.56	—	666	—	—

[1]) 9.6ᵐ 8″ 83° [2]) Par 0″.14 [3]) 9.0ᵐ 12″ 189°

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1081	47 Aris	5.85	F o	2 53 47.38	+3.430	+20 22 7.5	+14.52	—	667	362	—
1082	24 Pers	4.97	K o	2 54 24.46	+3.710	+34 53 0.6	+14.53	—	670	—	—
1083	λ Ceti	4.69	B 5	2 55 41.50	+3.213	+ 8 36 34.0	+14.43	177	679	368	—
1084	−18°516 Erid	7.40	F o	2 58 35.72	+2.758	−18 30 6.6	+14.23	—	—	374	—
1085	τ³ Erid[1])	4.16	A 3	2 59 5.05	+2.644	−23 55 3.6	+14.18	180	696	376	ac
1086	58 G. Erid	5.66	K o	3 0 22.04	+2.051	−47 16 6.3	+14.14	—	701	378	—
1087	63 G. Erid	7.16	G o	3 3 46.07	+2.833	−14 2 40.0	+13.68	—	—	384	—
1088	55 Aris	5.60	B 9	3 5 5.69	+3.606	+28 47 30.3	+13.83	—	715	386	—
1089	ζ Aris	4.95	A o	3 10 35.13	+3.445	+20 46 3.4	+13.44	190	730	398	a
1090	79 G. Forn	6.85	G o	3 11 43.12	+2.359	−35 50 9.4	+13.45	—	737	400	—
1091	ζ Erid	4.90	A 3	3 12 11.29	+2.913	− 9 5 50.5	+13.45	193	739	401	ac
1092	Lac 1044 Forn	6.89	A o	3 13 50.62	+2.457	−31 37 35.0	+13.29	—	—	404	—
1093	κ Ceti[2])	4.96	G 5	3 15 25.47	+3.144	+ 3 5 46.2	+13.29	195	752	407	—
1094	τ Aris	5.17	B 3	3 16 53.53	+3.461	+20 52 40.0	+13.07	197	761	409	na
1095	ι Hydi	5.53	F 2	3 17 47.56	−1.538	−77 39 45.3	+13.10	199	776	412	a
1096	Pi 3ʰ27 Caml	5.55	K 2	3 18 8.64	+5.189	+64 19 10.3	+13.02	—	765	411	—
1097	17 Erid	4.80	B 9	3 26 53.64	+2.976	− 5 19 52.6	+12.43	208	806	427	—
1098	+34°674 Pers	5.80	B 3	3 27 53.13	+3.815	+35 12 28.1	+12.34	—	807	428	—
1099	τ⁵ Erid	4.32	B 8	3 30 28.40	+2.648	−21 53 0.6	+12.15	212	816	433	na
1100	20 Erid	5.32	Aop	3 32 52.31	+2.733	−17 42 52.7	+11.99	—	824	436	—
1101	10 Taur	4.40	G 5	3 33 2.56	+3.060	+ 0 9 53.0	+11.51	214	825	438	c
1102	τ Forn	6.08	A o	3 35 40.43	+2.495	−28 11 14.7	+11.84	—	834	446	—
1103	11 Taur	6.15	A o	3 36 17.22	+3.580	+25 5 17.3	+11.75	217	836	447	n
1104	29 Taur	5.36	B 3	3 41 41.17	+3.187	+ 5 48 58.4	+11.36	—	863	—	—
1105	+57°752 Caml	5.79	A o	3 47 37.18	+4.859	+57 45 13.5	+10.87	—	887	473	—
1106	Pi 3ʰ187 Taur	5.96	F o	3 48 52.49	+3.429	+17 6 17.1	+10.82	—	892	475	—
1107	145 G. Erid	6.55	B 9	3 49 27.87	+2.938	− 6 51 21.9	+10.80	—	—	478	—
1108	55 G. Horo	5.77	K o	3 51 13.85	+1.858	−47 6 49.3	+10.64	—	906	483	—
1109	17 G. Reti	6.14	F 2	3 57 6.16	+1.285	−57 18 53.3	+10.24	—	928	492	—
1110	δ Reti	4.41	Ma	3 57 33.26	+0.945	−61 36 41.5	+10.20	242	930	494	ac
1111	35 Erid	5.25	B 5	3 57 43.89	+3.039	− 1 45 32.1	+10.19	—	926	—	—
1112	37 Taur	4.50	K o	4 0 15.40	+3.544	+21 52 41.8	+ 9.95	244	936	497	na
1113	λ Pers	4.33	A o	4 0 59.21	+4.461	+50 8 57.4	+ 9.91	245	938	499	c
1114	63 G. Hydi	6.72	A o	4 1 9.42	−0.375	−71 22 29.7	+ 9.98	—	946	501	—
1115	43 Taur	5.67	G 5	4 4 47.56	+3.493	+19 24 44.0	+ 9.63	249	952	508	n
1116	44 Taur	5.55	F o	4 6 15.51	+3.650	+26 17 11.7	+ 9.52	250	955	510	a
1117	μ Pers[3])	4.28	G o	4 9 22.95	+4.398	+48 13 13.2	+ 9.28	252	967	517	a
1118	μ Taur	4.32	B 3	4 11 27.51	+3.256	+ 8 42 20.4	+ 9.12	255	981	521	a
1119	208 G. Erid[4])	6.65	B 9	4 16 45.29	+2.714	−16 36 58.0	+ 8.73	—	—	531	—
1120	ξ Erid	5.23	A 2	4 19 56.68	+2.987	− 3 55 4.6	+ 8.42	—	1024	537	—

[1]) Ers 117a [2]) Par 0.″10 [3]) 12.ᵐ0 15″ 353° [4]) 14.ᵐ2 4″ 163°

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1121	43 Erid[1])	4.06	K 5	4 21 13.05	+2.251	−34 11 24.2	+ 8.43	268	1032	541	acs
1122	+69°258 Caml	7.02	K o	4 21 58.09	+6.278	+69 12 44.7	+ 8.28	—	—	542	—
1123	Br 615 Taur	5.50	B 8	4 24 39.37	+3.100	+ 1 12 56.2	+ 8.07	—	1048	—	—
1124	57 Pers	6.07	F o	4 28 7.93	+4.217	+42 54 19.0	+ 7.83	274	1061	556	a
1125	ρ Taur	4.75	A 5	4 29 35.33	+3.402	+14 41 17.0	+ 7.68	276	1067	560	c
1126	Pi 4^h148 Taur[2])	5.68	A o	4 36 37.94	+3.753	+28 28 15.6	+ 7.09	—	1099	—	—
1127	258 G. Erid	5.59	K o	4 36 59.61	+2.495	−24 37 41.6	+ 7.12	—	1104	—	—
1128	Grb 866 Pers	5.77	B 8	4 37 39.18	+4.555	+49 49 55.7	+ 7.02	—	1102	576	—
1129	α Cael[3])	4.52	F 2	4 38 8.61	+1.931	−42 0 22.1	+ 6.94	285	1110	580	ac
1130	β Cael	5.08	F 5	4 39 24.29	+2.120	−37 17 24.6	+ 7.09	—	1111	582	—
1131	56 Erid	5.87	B 5	4 40 29.03	+2.882	− 8 38 33.6	+ 6.80	—	1115	583	—
1132	268 G. Erid	5.97	A 2	4 43 26.01	+2.394	−28 13 19.6	+ 6.60	289	1126	591	—
1133	Br 658 Pers	5.10	K 2	4 44 51.47	+4.036	+37 21 26.4	+ 6.48	—	1133	—	—
1134	π^3 Orio[4])	3.31	F 8	4 45 45.98	+3.255	+ 6 49 53.8	+ 6.40	291	1140	596	nacs
1135	97 Taur	5.12	F o	4 46 59.01	+3.508	+18 42 48.8	+ 6.25	295	1143	601	a
1136	o^1 Orio	5.19	Ma	4 48 17.20	+3.392	+14 7 36.8	+ 6.11	297	1149	603	—
1137	ζ Auri	3.94	K o, B 1	4 57 13.88	+4.191	+40 58 4.7	+ 5.40	303	1190	617	as
1138	η Mens	5.28	K o	4 57 19.69	−1.743	−75 3 10.4	+ 5.47	304	1197	619	—
1139	26 G. Cael	6.00	K o	4 59 32.47	+2.268	−31 52 46.8	+ 5.28	—	1201	623	—
1140	11 Orio	4.65	B 9	5 0 16.83	+3.426	+15 18 3.5	+ 5.13	306	1203	624	ac
1141	+27°732 Taur *pr*	5.97	A 3	5 5 2.43	+3.765	+27 56 11.6	+ 4.69	—	—	640	—
1142	16 Orio [5])	5.42	A 2	5 5 11.99	+3.301	+ 9 44 4.1	+ 4.74	—	1226	641	—
1143	13 G. Pict	7.10	A o	5 5 12.38	+1.776	−44 55 8.3	+ 4.76	—	—	642	—
1144	μ Leps	3.30	A op	5 9 33.61	+2.692	−16 17 35.5	+ 4.35	316	1241	648	nas
1145	λ Auri	4.85	G o	5 13 51.74	+4.219	+40 2 2.5	+ 3.35	321	1259	652	ac
1146	λ Leps	4.29	B 1	5 16 7.10	+2.763	−13 15 11.3	+ 3.81	324	1277	661	c
1147	22 Orio[6])	4.65	B 3	5 17 55.90	+3.062	− 0 27 18.9	+ 3.66	327	1284	667	n
1148	115 Taur[7])	5.31	B 3	5 22 47.49	+3.499	+17 53 56.3	+ 3.23	—	1313	676	—
1149	18 G. Colm	5.85	A 2	5 24 40.86	+1.924	−41 0 27.6	+ 3.16	—	1322	682	—
1150	18 Caml	6.46	G o	5 26 8.28	+5.138	+57 10 12.5	+ 2.74	—	1324	—	—
1151	χ Auri	4.88	B 1	5 27 50.61	+3.904	+32 8 17.4	+ 2.81	334	1333	686	a
1152	20 G. Pict[8])	5.54	G 5	5 28 5.65	+1.648	−47 7 51.3	+ 2.65	335	1341	688	n
1153	35 G. Colm	6.75	K 2	5 35 7.73	+2.388	−27 15 12.0	+ 2.18	—	—	707	—
1154	δ Dora	4.52	A 5	5 44 38.25	+0.106	−65 45 48.9	+ 1.35	358	1443	728	ac
1155	142 G. Orio	5.95	G 5	5 44 51.26	+2.980	− 4 6 51.0	+ 1.10	—	—	727	—
1156	γ Pict	4.38	K o	5 48 27.82	+1.088	−56 11 5.7	+ 0.94	—	1460	—	—
1157	ξ Auri	4.92	A 2	5 48 33.52	+5.027	+55 41 29.2	+ 1.02	363	1453	734	c
1158	136 Taur[9])	4.54	A o	5 48 36.70	+3.770	+27 35 45.6	+ 0.98	364	1457	736	a
1159	37 G. Pict	4.98	K o	5 49 11.39	+1.357	−52 7 31.8	+ 0.86	—	1462	737	—
1160	γ Colm	4.36	B 3	5 54 52.57	+2.126	−35 17 25.5	+ 0.46	370	1490	750	c

[1]) Ers 160a [2]) $11^m.2$ 43″ 55° [3]) $13^m.0$ 6″ 118° [4]) Par 0″.12 [5]) $8^m.2$ 12″ 27° [6]) Ers 200a, [7]) $10^m.8$ 10″ 306°; $12^m.5$ 10″ 341°
[8]) $11^m.6$ 26″ 252° [9]) $12^m.0$ 15″ 232°

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Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1161	60 Orio	5.25	A 0	5 54 58.16	+3.085	+ 0 32 49.9	+0.44	—	1488	749	—
1162	+33°1209 Auri	6.80	A 2	5 55 18.52	+3.943	+33 7 58.3	+0.41	—	—	751	—
1163	1 Gemi[1])	4.30	G 5	5 59 33.58	+3.646	+23 16 7.8	−0.06	373	1508	759	na
1164	74 G. Colm	5.72	A 0	6 3 12.24	+2.311	−29 44 57.8	−0.32	—	1528	—	—
1165	94 G. Leps	5.46	A 0	6 5 48.68	+2.522	−22 24 47.7	−0.56	—	1538	—	—
1166	ν Dora	5.21	B 9	6 9 13.16	−0.385	−68 49 38.8	−0.77	—	1566	—	—
1167	Br 904 Auri *sq*[2])	6.42	F 0	6 10 35.78	+4.044	+36 10 20.6	−0.93	—	1563	—	—
1168	κ Auri	4.45	K 0	6 10 35.92	+3.824	+29 31 37.6	−1.19	—	1565	—	—
1169	74 Orio	5.11	F 5	6 12 13.87	+3.369	+12 17 39.5	−0.89	384	1577	781	—
1170	7 Mono	5.13	B 3	6 16 5.95	+2.889	− 7 47 25.2	−1.41	388	1598	789	c
1171	23 G. CMaj	5.39	K 0	6 20 40.38	+2.799	−11 29 19.7	−1.85	—	1614	801	—
1172	Grb 1156 Auri	7.14	G 5	6 21 1.41	+4.270	+42 0 9.2	−1.85	—	—	802	—
1173	ν Gemi	4.06	B 5	6 24 30.55	+3.562	+20 15 39.7	−2.15	399	1635	809	na
1174	13 Mono	4.50	A 0p	6 28 50.83	+3.244	+ 7 23 21.2	−2.52	400	1657	816	c
1175	56 G. Mono	5.02	B 3	6 29 49.46	+3.044	− 1 9 44.3	−2.64	—	1666	—	—
1176	ψ[6] Auri	5.28	K 0	6 41 56.63	+4.577	+48 52 13.4	−3.65	—	1728	839	—
1177	16 Mono	5.84	B 3	6 42 27.00	+3.273	+ 8 40 3.8	−3.70	—	1733	841	—
1178	31 G. Pupp	5.25	B 9	6 44 47.34	+2.053	−37 50 46.2	−3.92	—	1749	845	—
1179	80 G. Mono	5.65	A 0	6 45 29.76	+3.023	− 2 11 11.0	−3.93	—	1752	849	—
1180	κ CMaj	3.78	B 2 p	6 47 2.25	+2.239	−32 25 15.4	−4.08	416	1761	851	s
1181	101 G. Mono	5.84	A 0	6 56 47.50	+2.882	− 8 18 4.8	−4.91	—	—	871	—
1182	ω Gemi	5.21	K 0	6 57 50.66	+3.657	+24 19 25.2	−5.02	—	1806	872	—
1183	σ CMaj[3])	3.68	K 5	6 58 43.79	+2.389	−27 49 35.5	−5.08	427	1810	875	ns
1184	C Pupp	5.26	A 2	7 1 40.10	+1.902	−42 13 32.7	−5.27	—	1826	—	—
1185	2 G. CMin	5.92	K 0	7 3 46.21	+3.245	+ 7 35 24.4	−5.53	—	1832	886	—
1186	20 Mono	5.02	K 0	7 6 30.13	+2.979	− 4 7 8.0	−5.52	437	1844	893	—
1187	22 δ Mono	4.09	A 0	7 8 2.01	+3.063	− 0 22 2.7	−5.86	438	1853	898	c
1188	51 Gemi	5.31	M b	7 9 3.86	+3.445	+16 17 15.3	−5.99	439	1856	899	na
1189	γ[2] Voln[4])	3.87	K 0	7 9 23.32	−0.503	−70 22 38.2	−5.87	440	1867	901	as
1190	Grb 1281 Lync	5.55	G 0	7 10 16.22	+4.461	+47 22 29.0	−6.23	—	1860	—	—
1191	66 Auri	5.28	K 0	7 18 57.01	+4.158	+40 49 6.0	−6.79	450	1919	921	ac
1192	169 G. CMaj	5.82	F 0	7 21 41.61	+2.756	−13 36 12.6	−6.99	—	1938	925	—
1193	6 CMin	4.85	K 0	7 25 37.30	+3.340	+12 9 46.5	−7.34	456	1962	933	c
1194	σ Pupp[5])	3.28	K 5	7 26 50.99	+1.901	−43 8 55.7	−7.23	457	1972	934	nas
1195	+46°1286 Lync	5.80	K 5	7 31 5.24	+4.363	+46 20 49.4	−7.80	—	1986	940	—
1196	υ Gemi	4.22	K 5	7 31 18.12	+3.699	+27 3 49.9	−7.88	460	1987	942	c
1197	125 G. Pupp	5.66	B 3	7 33 23.24	+2.637	−19 32 3.6	−7.93	—	1998	947	—
1198	Q Cari	4.92	K 5	7 33 48.40	+1.485	−52 21 57.1	−8.00	463	2003	950	n
1199	+37°1769 Lync	5.45	Ma	7 41 39.18	+4.008	+37 42 0.9	−8.59	—	2037	—	—
1200	81 Gemi	5.02	K 2	7 41 47.01	+3.476	+18 41 38.7	−8.68	—	2040	967	—

[1]) Ers 236a [2]) 7.0ᵐ 11″ 217° [3]) 14.2ᵐ 11″ 153° [4]) 5.8ᵐ (γ[1]) 14″ 299° [5]) 8.4ᵐ 22″ 73°

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1201	11 CMin	5.30	A 0	7 42 8.53	+3.305	+10 57 7.3	− 8.66	—	2045	—	—
1202	4 Pupp[1])	5.11	F 0	7 42 29.59	+2.762	−14 22 49.8	− 8.66	471	2051	970	a
1203	187 G. Pupp	5.26	B 2	7 45 15.51	+1.812	−46 25 18.4	− 8.89	—	2062	977	—
1204	ξ Pupp[2])	3.47	Gop	7 46 8.33	+2.522	−24 40 14.1	− 8.96	475	2065	978	nacs
1205	ζ CMin	5.11	B 8	7 47 48.62	+3.113	+ 1 57 33.8	− 9.09	477	2071	981	—
1206	61 G. Cari	5.82	F 2	7 47 58.61	+0.992	−60 5 46.8	− 8.94	—	2080	982	—
1207	φ Gemi	4.99	A 2	7 48 54.53	+3.674	+26 57 40.1	− 9.21	479	2078	985	a
1208	1 Cncr	5.96	K 0	7 52 43.98	+3.407	+15 59 30.5	− 9.51	483	2098	992	c
1209	Grb 1384 Lync	6.47	K 0	7 53 0.83	+4.220	+44 10 44.4	− 9.48	—	—	993	—
1210	225 G. Pupp	4.85	A 2	7 54 40.73	+2.391	−30 7 55.6	− 9.61	—	2108	996	—
1211	ω Cncr	5.88	K 0	7 56 23.68	+3.632	+25 35 57.6	− 9.75	488	2117	1001	a
1212	232 G. Pupp	4.64	A 2	7 56 30.35	+2.689	−18 11 34.0	− 9.80	—	2120	1002	—
1213	161 G. Mono	6.30	G 0	7 58 44.88	+2.949	− 6 7 38.5	− 9.94	—	—	1005	—
1214	Pi 7ʰ308 Lync	6.64	F 8	8 5 18.85	+3.909	+35 40 51.0	−10.67	—	—	1020	—
1215	3 H. UMaj	5.48	G 5	8 5 22.20	+5.999	+68 41 48.9	−10.42	496	2150	1018	a
1216	+4°1945 Hyda	6.68	G 0, A 2	8 13 21.67	+3.159	+ 4 27 5.3	−11.03	—	—	1035	—
1217	χ Cncr	5.16	F 5	8 15 30.63	+3.647	+27 27 42.2	−11.56	504	2202	1038	c
1218	7 G. Hyda	6.32	A 5	8 15 39.43	+2.874	− 9 55 50.9	−11.16	—	—	1039	—
1219	294 G. Pupp	4.94	K 0	8 18 25.76	+2.363	−32 48 54.5	−11.39	—	2216	1044	—
1220	20 Cncr	5.88	F 0	8 19 4.25	+3.437	+18 34 27.0	−11.46	507	2218	1045	na
1221	302 G. Pupp *pr*[3])	5.55	K 5	8 21 49.40	+2.589	−23 48 8.3	−11.60	—	2242	1054	—
1222	29 Cncr	5.90	A 2	8 24 26.27	+3.349	+14 27 37.1	−11.82	513	2253	1062	—
1223	δ Hyda	4.18	A 0	8 33 41.17	+3.177	+ 5 57 58.3	−12.47	519	2295	1078	ac
1224	σ Hyda[4])	4.54	K 0	8 34 50.25	+3.136	+ 3 36 20.5	−12.55	521	2302	1079	a
1225	34 Lync	5.52	K 0	8 35 50.53	+4.155	+46 5 53.8	−12.53	—	2306	1083	—
1226	53 G. Velr[5])	4.06	F 5 p	8 38 8.14	+1.988	−46 22 52.3	−12.75	525	2324	1087	cs
1227	55 G. Velr	3.68	B 3	8 38 8.61	+1.718	−52 39 17.9	−12.74	526	2326	1088	s
1228	γ Cncr	4.73	A 0	8 38 56.87	+3.474	+21 44 21.5	−12.85	527	2327	1089	na
1229	25 G. Pyxi	6.13	A 2	8 41 33.91	+2.681	−20 53 41.3	−12.97	—	—	1096	—
1230	14 Hyda	5.19	B 9	8 45 35.57	+3.015	− 3 9 49.6	−13.27	534	2365	1107	c
1231	80 G. Hyda[6])	5.90	K 0	8 51 45.62	+2.757	−17 57 16.8	−13.67	—	—	1121	—
1232	64 Cncr	5.64	G 5	8 54 56.56	+3.690	+32 42 39.3	−13.91	—	2409	—	—
1233	109 G. Cari[7])	5.29	B 3	8 55 8.31	+1.468	−58 56 21.2	−13.86	544	2414	1126	ac
1234	91 G. Velr	4.42	F 8	8 57 17.32	+2.238	−40 57 39.4	−13.95	547	2421	1130	—
1235	92 G. Hyda	5.80	K 0	8 58 8.12	+3.067	− 0 11 20.1	−13.98	—	2425	1131	—
1236	93 G. Hyda	6.74	A 0	8 59 59.19	+2.992	− 4 52 26.1	−14.18	—	—	1136	—
1237	Pi 8ʰ245 Lync[8])	4.71	G 5	9 1 45.83	+3.822	+38 45 10.8	−14.30	554	2437	1138	c
1238	ϰ Cncr	5.14	B 8	9 3 41.16	+3.251	+10 58 15.6	−14.41	556	2445	1143	nac
1239	ξ Cncr	5.22	G 5	9 5 2.95	+3.452	+22 20 59.1	−14.48	559	2449	1147	n
1240	101 G. Hyda	5.81	K 0	9 5 35.70	+2.876	−12 3 11.7	−14.54	—	2453	1150	—

[1]) Ers 298a [2]) 13.7ᵐ 5″ 191° [3]) 7.9ᵐ 41″ 86° [4]) Ers 329a [5]) 9.7ᵐ 37″ 58° [6]) 6.3ᵐ 67″ 147° [7]) 7.0ᵐ 40″ 75° [8]) Ers 349a

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Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1241	ε Pyxi[1])	5.63	A 3	9 6 45.64	+2.543	−30 3 30.5	−14.63	561	2460	1152	—
1242	107 G. Hyda	5.81	K o	9 8 32.59	+2.747	−19 26 26.1	−14.66	—	2466	—	—
1243	ϑ Pyxi	4.93	Ma	9 18 10.26	+2.654	−25 38 43.9	−15.26	572	2516	1177	nac
1244	ϰ Leon[2])	4.61	Ko	9 20 17.38	+3.497	+26 30 21.9	−15.42	574	2524	1181	—
1245	28 Hyda	5.81	K 5	9 21 39.02	+3.000	− 4 47 35.7	−15.46	575	2529	1184	—
1246	ξ Leon	5.12	G 5	9 27 54.27	+3.235	+11 37 58.1	−15.87	583	2555	1197	na
1247	160 G. Hyda	5.16	K o	9 29 45.19	+2.762	−20 46 59.5	−15.89	—	2569	—	—
1248	17 G. Antl	5.63	K o	9 33 56.12	+2.583	−31 50 27.9	−16.13	—	2587	1212	—
1249	Br 1352 Hyda	4.78	K o	9 34 32.59	+3.130	+ 4 59 19.7	−16.19	589	2589	1214	—
1250	ι Hyda	4.10	K o	9 36 1.53	+3.064	− 0 48 5.7	−16.28	591	2595	1217	c
1251	15 Leon	5.73	A 2	9 39 9.72	+3.521	+30 19 12.0	−16.49	—	2608	—	—
1252	ψ Leon	5.62	Ma	9 39 38.92	+3.269	+14 21 56.4	−16.40	595	2612	1226	—
1253	+19°2254 Leon	6.92	K o	9 41 42.15	+3.336	+19 1 47.3	−16.53	—	—	1230	—
1254	l Cari[3])	var[4])	G o	9 43 11.22	+1.650	−62 9 41.4	−16.57	598	2628	1232	c
1255	Br 1369 UMaj	5.20	G o	9 43 45.59	+3.879	+46 22 16.7	−16.70	599	2626	1233	a
1256	162 G. Velr	5.72	K o	9 48 25.40	+2.321	−45 50 33.1	−16.81	—	2649	1240	—
1257	18 G. Sext	7.03	K o	9 52 24.41	+2.981	− 7 17 21.4	−17.01	—	—	1246	—
1258	20 LMin	5.60	G 5	9 56 41.50	+3.464	+32 17 35.6	−17.64	613	2681	1260	—
1259	Pi 9^h229 UMaj	5.74	F 5	9 59 37.93	+4.002	+54 15 19.1	−17.35	—	2684	—	—
1260	193 G. Hyda	5.80	F o	10 0 53.09	+2.768	−23 55 19.7	−17.38	—	2688	1262	—
1261	υ^2 Hyda	4.72	B 8	10 1 28.27	+2.921	−12 42 1.3	−17.41	614	2690	1264	c
1262	32 UMaj	5.74	A 3	10 12 36.41	+4.381	+65 28 59.8	−17.89	623	2726	1283	a
1263	ε Sext	5.40	F o	10 13 54.14	+2.981	− 7 41 37.4	−17.92	624	2735	1288	n
1264	187 G. Cari	3.44	K 5	10 14 34.60	+2.002	−60 57 25.8	−17.96	625	2739	1290	ns
1265	59 G. Antl	5.62	B 9	10 14 41.18	+2.748	−28 36 59.5	−17.96	626	2738	1289	—
1266	23 Sext	6.53	B 3	10 17 9.70	+3.099	+ 2 40 2.9	−18.06	—	2748	1293	—
1267	27 LMin	5.83	A 3	10 18 47.53	+3.461	+34 17 14.4	−18.14	—	2756	1299	—
1268	204 G. Velr	4.99	K 5	10 19 6.41	+2.570	−41 16 20.0	−18.08	—	2758	1300	—
1269	64 G. Antl	5.40	A 3	10 20 12.12	+2.626	−37 37 44.0	−18.24	—	2763	1302	—
1270	δ Sext	5.24	B 9	10 25 40.14	+3.047	− 2 21 16.9	−18.39	638	2788	1317	c
1271	+29°2057 LMin	6.92	K o	10 25 41.61	+3.371	+28 57 55.6	−18.38	—	—	1316	—
1272	46 Leon	5.74	Ma	10 28 11.66	+3.205	+14 31 21.4	−18.45	—	2800	—	—
1273	219 G. Velr[5])[6])	5.14	K o	10 29 46.80	+2.530	−46 37 0.2	−18.52	—	2814	1324	—
1274	236 G. Hyda	5.85	F 8	10 32 48.22	+2.987	−11 49 38.0	−19.30	—	2822	1330	—
1275	37 LMin	4.77	G o	10 34 30.20	+3.381	+32 21 58.5	−18.67	647	2829	1335	c
1276	Pi 10^h135 UMaj	5.28	F o	10 39 8.89	+3.534	+46 35 54.5	−18.89	—	2853	—	—
1277	78 G. Antl	5.73	A o	10 39 14.47	+2.780	−32 19 21.9	−18.82	—	2856	1346	—
1278	Br 1493 Leon	6.29	K o	10 42 11.40	+3.124	+ 6 46 8.2	−18.93	659	2868	1354	c
1279	51 Leon	5.64	K o	10 42 22.26	+3.234	+19 17 14.5	−18.95	—	2869	1356	—
1280	250 G. Hyda	6.86	K o	10 43 8.80	+2.849	−25 39 14.2	−18.90	—	2872	1357	—

[1]) 9.4^m 18″ 147° [2]) 10.7^m 3″ 208° [3]) Ers 369a [4]) 3.6-4.8^m [5]) Ers 400a [6]) 8.6^m 40″ 162°

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1281	41 Sext[1]	5.78	A 2	10 46 32.27	+3.009	− 8 30 0.7	−19.04	—	2892	—	—
1282	47 UMaj	5.14	G 0	10 55 16.25	+3.365	+40 49 52.3	−19.19	670	2920	1377	—
1283	α Crat	4.20	K 0	10 56 7.10	+2.922	−17 53 56.6	−19.14	671	2925	1382	acs
1284	58 Leon	5.05	K 0	10 56 41.23	+3.099	+ 4 1 14.1	−19.30	672	2927	1383	na
1285	29 G. Leon	7.13	G 5	10 58 47.84	+3.052	− 3 6 31.2	−19.36	—	—	1387	—
1286	11 G. Crat	6.14	A 3	11 1 48.06	+3.010	−10 40 56.5	−19.49	—	—	1394	—
1287	65 Leon[2]	5.66	G 5	11 3 4.67	+3.061	+ 2 21 46.7	−19.51	679	2950	1397	a
1288	259 G. Cari	5.80	B 3	11 4 7.17	+2.157	−70 28 19.4	−19.47	—	2955	1400	—
1289	260 G. Cari	4.02	F 8 p	11 5 22.83	+2.554	−58 34 6.9	−19.48	—	2960	—	—
1290	275 G. Hyda	6.46	Ma	11 8 37.67	+2.887	−32 1 34.5	−19.54	—	—	1409	—
1291	9 G. Cent	5.67	A 2	11 9 7.71	+2.726	−48 41 37.0	−19.53	—	2965	1410	—
1292	φ Leon	4.58	A 5	11 12 50.87	+3.050	− 3 14 28.8	−19.66	687	2982	1418	—
1293	55 UMaj	4.78	A 2	11 15 2.95	+3.276	+38 35 49.9	−19.74	—	2987	1423	—
1294	28 G. Cent	6.42	B 3	11 20 46.48	+2.864	−42 15 25.7	−19.77	—	3003	1431	—
1295	Pi 11h63 Leon	7.15	A 2	11 21 47.42	+3.184	+27 9 34.4	−19.75	—	—	1436	—
1296	83 Leon[3]	6.54	K 0	11 22 57.54	+3.037	+ 3 25 19.7	−19.60	696	3014	1440	c
1297	τ Leon[4]	5.18	K 0	11 24 4.79	+3.085	+ 3 16 10.2	−19.81	697	3021	1443	na
1298	282 G. Hyda	6.79	K 0	11 25 54.46	+2.966	−27 37 1.4	−19.83	—	—	1444	—
1299	ϑ Crat	4.81	B 9	11 32 52.51	+3.041	− 9 23 14.3	−19.90	705	3055	1458	—
1300	61 UMaj[5]	5.46	G 5	11 37 6.25	+3.163	+34 37 31.4	−20.33	709	3075	1466	—
1301	ζ Crat	4.90	G 5	11 40 57.50	+3.038	−17 56 1.1	−20.01	711	3087	1469	ac
1302	ν Virg	4.20	Ma	11 42 0.24	+3.084	+ 6 56 59.0	−20.17	712	3089	1471	n
1303	Grb 1826 UMaj	6.64	F 0	11 43 5.61	+3.251	+61 49 9.6	−20.03	—	—	1478	—
1304	93 Leon[6]	4.54	F 8	11 44 7.08	+3.096	+20 38 8.9	−20.00	716	3098	1480	a
1305	298 G. Hyda	5.45	Mb	11 44 57.64	+3.029	−26 19 58.1	−20.03	—	3100	—	—
1306	12 G. Virg	5.81	K 0	11 47 12.10	+3.067	− 4 54 59.1	−20.03	—	3108	1485	—
1307	Grb 1830 UMaj[7]	6.46	G 5	11 48 39.65	+3.464	+38 15 24.7	−25.82	720	3112	1491	ac
1308	95 Leon	5.49	A 2	11 51 49.12	+3.086	+16 3 51.0	−20.03	723	3123	1495	c
1309	η Crat [8]	5.16	A 0	11 52 11.47	+3.056	−16 44 0.0	−20.05	—	3126	1496	—
1310	Pi 11h202 UMaj	6.30	F 0	11 54 16.24	+3.085	+32 41 33.7	−20.11	—	—	1498	—
1311	π Virg	4.57	A 3	11 57 1.75	+3.074	+ 7 1 57.3	−20.07	726	3139	1505	nac
1312	311 G. Hyda	6.26	B 9	12 2 5.08	+3.081	−35 16 34.9	−20.04	—	—	1514	—
1313	3 Coma	6.34	A 0	12 6 42.33	+3.060	+17 13 35.0	−20.03	—	3173	1525	—
1314	Br 1636 UMaj	6.26	K 0	12 11 0.63	+2.982	+53 51 6.8	−20.04	737	3186	1533	c
1315	14 Virg[9]	7.03	K 0	12 15 28.48	+3.087	− 8 29 52.7	−20.03	—	3205	1545	—
1316	3 CVen	5.56	K 2	12 16 7.36	+2.963	+49 24 0.8	−20.00	—	3211	—	—
1317	16 Virg	5.10	K 0	12 16 32.37	+3.047	+ 3 43 48.6	−20.06	745	3213	1547	—
1318	12 Coma[10]	4.78	F 5	12 18 44.18	+3.017	+26 15 44.0	−19.99	746	3224	1551	ac
1319	322 G. Hyda	6.34	K 0	12 21 22.55	+3.137	−27 20 1.1	−19.98	—	—	1554	—
1320	122 G. Cent	5.60	B 8	12 24 22.84	+3.184	−38 37 33.8	−19.95	—	3249	1568	—

1) $11^m.7$ 27″ 306° 2) $11^m.5$ 2″ 90° 3) $7^m.9$ 29″ 150° 4) $7^m.0$ 92″ 174° 5) Par 0″.10 6) $8^m.4$ 74″ 355° 7) Par 0″.10 8) $13^m.0$ 7″ 231° 9) $14^m.7$ 3″ 164° 10) $11^m.5$ 35″ 54°; $8^m.0$ 65″ 167°

Zusatzsterne des FK3 für 1925.0

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1321	35 G. Corv	5.76	G 5	12 29 40.71	+3.109	−12 25 3.9	−19.84	—	3275	1580	—
1322	Pi 12^{h}122 CVen	5.43	K o	12 29 57.38	+2.958	+33 39 42.1	−19.91	—	3278	—	—
1323	23 Coma	4.78	A o	12 31 6.88	+2.991	+23 2 31.3	−19.84	762	3283	1585	ac
1324	25 Virg[1]	5.90	A o	12 32 55.43	+3.088	− 5 25 7.0	−19.85	765	3290	1589	c
1325	133 G. Cent	5.84	K o	12 37 15.24	+3.287	−45 44 7.4	−19.74	—	3301	1595	—
1326	ρ Virg	4.95	A o	12 38 5.26	+3.036	+10 38 55.5	−19.86	770	3309	1598	na
1327	Y CVen	var[2]	N b	12 41 36.60	+2.825	+45 50 59.8	−19.71	—	3322	—	—
1328	32 d^2 Virg	5.24	A 5	12 41 49.65	+3.030	+ 8 4 59.7	−19.71	774	3323	1605	c
1329	332 G. Hyda	6.29	B 9	12 43 54.21	+3.184	−24 26 35.9	−19.64	—	—	1608	—
1330	35 Virg	6.66	Ma	12 44 2.19	+3.054	+ 3 58 55.2	−19.68	776	3331	1609	n
1331	143 G. Cent	5.01	A o	12 46 36.69	+3.249	−33 35 27.1	−19.67	—	3342	1613	—
1332	31 Coma	5.07	G o	12 48 2.78	+2.924	+27 56 54.7	−19.62	778	3347	1616	na
1333	32 Coma	6.53	K 5	12 48 28.51	+2.984	+17 28 53.6	−19.62	—	3348	1617	—
1334	52 G. Corv[3]	6.84	A o	12 50 2.66	+3.162	−17 37 50.7	−19.57	—	—	1621	—
1335	ψ Virg	4.91	Mb	12 50 26.97	+3.117	− 9 7 54.8	−19.58	781	3362	1624	n
1336	44 Virg[4]	5.88	A o	12 55 47.61	+3.090	− 3 24 28.2	−19.46	—	3375	1634	—
1337	14 CVen	5.11	B 9	13 2 14.12	+2.807	+36 11 59.5	−19.29	790	3392	1644	ac
1338	Grb 1956 CVen[5]	5.72	K o	13 2 30.01	+2.705	+45 40 9.1	−19.28	—	3396	1646	—
1339	39 Coma	6.04	F 5	13 2 41.96	+2.925	+21 33 19.2	−19.35	—	3397	—	—
1340	177 G. Cent	5.96	B 9	13 3 10.27	+3.552	−53 3 31.0	−19.32	—	3400	1648	—
1341	342 G. Hyda	6.48	A 3	13 7 34.22	+3.258	−26 9 12.1	−19.19	—	3420	1656	—
1342	195 G. Cent	5.36	K o	13 12 42.81	+3.326	−31 6 34.3	−19.09	798	3440	1663	—
1343	196 G. Cent	5.87	A 3p	13 12 52.48	+3.470	−43 35 2.1	−19.07	—	3441	1664	—
1344	σ Virg	5.01	Ma	13 13 48.96	+3.029	+ 5 51 52.5	−19.00	799	3446	1668	—
1345	61 Virg[6]	4.80	G 5	13 14 28.64	+3.135	−17 53 40.2	−20.07	801	3448	1670	c
1346	23 CVen	5.69	K o	13 16 57.40	+2.691	+40 32 37.9	−18.93	804	3455	1675	c
1347	J Cent[7]	4.62	B 5	13 17 46.31	+3.858	−60 35 44.4	−18.92	—	3457	—	—
1348	68 Virg	5.59	K 2	13 22 45.20	+3.166	−12 19 4.3	−18.77	807	3481	1684	n
1349	70 Virg	5.16	G o	13 24 45.63	+2.933	+14 10 44.0	−19.27	809	3487	1686	ac
1350	+31°2493 CVen	7.12	K 2	13 24 50.72	+2.776	+31 32 14.3	−18.68	—	—	1687	—
1351	78 Virg	4.93	A 2p	13 30 19.77	+3.039	+ 4 2 36.9	−18.54	—	3506	—	—
1352	80 Virg	5.75	K o	13 31 37.04	+3.120	− 5 0 53.2	−18.39	—	3510	—	—
1353	Grb 2017 CVen	6.63	A 5	13 32 2.65	+2.556	+44 34 47.6	−18.44	—	—	1701	—
1354	355 G. Hyda[8]	6.42	A o	13 37 22.24	+3.307	−23 4 14.4	−18.27	—	—	1712	—
1355	82 Virg	5.16	Ma	13 37 40.34	+3.146	− 8 19 30.1	−18.21	821	3534	1713	nac
1356	253 G. Cent	6.30	B 2	13 38 1.16	+3.905	−56 23 23.1	−18.26	—	3535	1714	—
1357	83 Virg	5.71	G o	13 40 26.74	+3.233	−15 48 8.6	−18.16	822	3542	1720	c
1358	3 Boot	5.91	F 5	13 43 14.38	+2.787	+26 4 40.3	−18.11	—	3555	1724	—
1359	+9°2814 Boot	6.54	A o	13 46 0.61	+2.978	+ 8 46 49.9	−17.96	—	—	1732	—
1360	+32°2411 CVen	6.29	F 2	13 52 50.88	+2.661	+32 23 52.9	−17.62	—	—	1744	—

[1]) Ers 477a [2]) 4.8-6.0 m [3]) 9.0 m 23″ 294° [4]) 11.2 m 21″ 54° [5]) 12.3 m 3″ 120° [6]) Par 0.″13 [7]) 6.5 m 60″ 343° [8]) 9.7 m 31″ 352°

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ' "	"				
1361	48 Hyda	5.80	F o	13 55 47.79	+3.354	−24 38 42.0	−17.64	837	3607	1748	c
1362	204 G. Virg	6.30	F 5	13 55 55.99	+3.107	− 3 11 6.8	−17.60	—	3608	1749	—
1363	ϑ Apds	var[1])	Mb	13 57 58.00	+5.776	−76 26 8.9	−17.48	840	3611	1750	a
1364	307 G. Cent	6.44	Aop	13 58 52.81	+3.650	−41 3 44.5	−17.41	—	—	1754	—
1365	210 G. Virg	6.36	K o	14 0 23.15	+3.245	−14 36 43.2	−17.37	—	3616	1759	—
1366	94 Virg	6.56	A o	14 2 19.27	+3.174	− 8 32 3.0	−17.23	844	3624	1763	n
1367	+39°2720 CVen	7.90	K o	14 3 17.70	+2.524	+38 46 28.5	−17.23	—	—	1767	—
1368	9 H. Boot [2)	5.44	Mb	14 4 55.84	+2.399	+44 12 38.5	−17.17	846	3630	1769	c
1369	236 G. Virg	5.74	Aop	14 14 29.14	+3.315	−18 22 10.8	−16.73	—	3669	1787	—
1370	A Boot	4.83	K o	14 14 49.57	+2.536	+35 51 17.6	−16.68	—	3673	—	—
1371	λ Virg	4.60	A 2	14 15 2.84	+3.243	−13 1 35.8	−16.64	856	3672	1789	ac
1372	18 Boot	5.31	F o	14 15 38.49	+2.903	+13 20 58.6	−16.67	—	3679	1790	—
1373	ψ Cent[3])	4.17	A o	14 15 59.23	+3.640	−37 32 27.6	−16.62	858	3680	1792	—
1374	2 Libr	6.30	K o	14 19 23.23	+3.225	−11 22 20.0	−16.51	860	3691	1797	na
1375	244 G. Virg	5.08	A 3	14 20 27.27	+2.984	+ 6 9 34.4	−16.40	—	3697	—	—
1376	3 G. Libr	5.39	K o	14 20 31.56	+3.417	−24 28 0.6	−16.42	—	3695	1799	—
1377	τ^1 Lupi	4.65	B 3	14 21 18.81	+3.840	−44 52 58.5	−16.37	861	3699	1800	c
1378	22 Boot	5.36	A 5	14 22 57.95	+2.789	+19 33 48.2	−16.25	863	3705	1803	na
1379	5 UMin	4.37	K 2	14 27 39.63	−0.153	+76 1 45.8	−16.01	868	3718	1812	a
1380	σ Boot	4.48	F o	14 31 24.83	+2.612	+30 4 12.8	−15.70	874	3729	1819	a
1381	10 G. Libr	6.24	F 8	14 33 0.18	+3.189	−11 59 15.1	−15.38	—	3734	1824	—
1382	32 Boot	5.63	G 5	14 38 7.27	+2.881	+11 58 58.0	−15.57	—	3754	1835	—
1383	34 Boot	4.93	Ma	14 40 7.51	+2.636	+26 50 45.8	−15.36	884	3761	1839	—
1384	+33°2489 Boot	6.47	Ma	14 42 5.47	+2.510	+33 6 19.3	−15.32	—	—	1845	—
1385	56 Hyda	5.39	G 5	14 43 21.83	+3.497	−25 46 26.8	−15.17	—	3775	1848	—
1386	Grb 2152 Boot	5.98	F o	14 46 9.98	+2.355	+38 7 10.2	−14.90	889	3785	1854	a
1387	α^1 Libr	5.33	F 5	14 46 32.05	+3.315	−15 41 10.7	−15.05	890	3784	1855	ac
1388	+6°2957 Virg	6.69	K o	14 49 57.01	+2.966	+ 6 32 50.8	−14.77	—	—	1865	—
1389	381 G. Cent[4])	5.34	A o	14 51 8.16	+3.676	−33 33 8.1	−14.72	—	3807	1868	—
1390	ξ^2 Libr	5.63	K o	14 52 41.68	+3.252	−11 6 28.3	−14.61	899	3810	1870	nac
1391	33 G. Libr[5])	6.00	K 5	14 53 4.87	+3.499	−21 4 41.1	−16.34	900	3813	1872	c
1392	Pi 14h227 Boot	6.24	A o	14 53 40.78	+2.701	+21 51 25.6	−14.61	—	—	1876	—
1393	Br 1908 Virg[6])	5.71	K o	14 53 42.35	+3.075	+ 0 8 1.9	−14.59	—	3816	1875	—
1394	δ Libr	var[7])	A o	14 56 57.70	+3.203	− 8 13 20.4	−14.37	905	3825	1882	a
1395	47 Boot[8])	5.59	A o	15 2 56.80	+1.987	+48 26 24.4	−13.98	—	3853	1892	—
1396	45 Boot	5.03	F o	15 4 0.31	+2.634	+25 9 37.7	−14.09	912	3855	1895	a
1397	+55°1730 Boot	5.21	G 5	15 4 8.06	+1.712	+54 50 40.1	−13.92	—	3856	—	—
1398	κ^1 Lupi[9])	4.14	B 9	15 6 42.66	+4.161	−48 27 13.6	−13.81	913	3862	1902	cs
1399	1 Lupi	4.95	F o	15 10 1.34	+3.671	−31 14 24.8	−13.56	—	3871	1906	—
1400	Pi 15h36 Serp	5.66	G 5	15 15 2.69	+2.688	+20 50 45.7	−13.25	—	3894	1918	—

1) 5.5–6.7 m 2) 9.5 m 18" 44° 3) 12.8 m 34" 90° 4) 12.2 m 24" 172° 5) 8.9 m 19" 298°; Par 0".17 6) 9.4 m 86" 224° 7) 4.8–5.9 m
8) 13.2 m 6" 254° 9) 6.0 m 27" 144°

Zusatzsterne des FK3 für 1925.0

Nr.	Name	Gr.	Sp.	α	$\frac{d\alpha}{dt}$	δ	$\frac{d\delta}{dt}$	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1401	+10°2823 Serp¹)	6.71	F 8	15 15 5.99	+2.876	+10 42 1.5	−13.22	—	—	1919	—
1402	δ Lupi	3.43	B 2	15 16 26.52	+3.931	−40 22 37.3	−13.14	923	3896	1921	ncs
1403	φ² Lupi	4.69	B 3	15 18 21.48	+3.828	−36 35 26.5	−13.03	925	3910	1928	c
1404	73 G. Libr	6.78	K 0	15 18 27.90	+3.581	−26 25 16.5	−12.99	—	—	1929	—
1405	30 Libr	6.74	K 2	15 18 50.55	+3.343	−14 52 2.3	−12.94	926	3913	1931	n
1406	8 Serp	6.10	F 0	15 19 51.61	+3.091	− 0 45 21.8	−12.93	—	3918	1933	—
1407	32 Libr	5.92	K 0	15 24 1.34	+3.380	−16 27 21.6	−12.64	933	3935	1940	nac
1408	+9°3055 Serp	6.46	F 2	15 27 16.86	+2.911	+ 8 50 4.6	−12.40	—	—	1947	—
1409	37 Libr	4.83	K 0	15 30 4.50	+3.276	− 9 48 30.4	−12.43	940	3952	1954	—
1410	115 G. Lupi	5.47	K 5	15 31 3.41	+4.101	−44 8 48.1	−12.18	—	3957	—	—
1411	2 G. Norm	5.48	A 0	15 33 14.48	+4.447	−52 7 35.8	−12.02	—	3965	1959	—
1412	Pi 15ʰ153 Boot	5.78	F 0	15 35 52.02	+1.920	+47 2 39.0	−11.93	—	3985	1967	—
1413	ϰ Libr	4.96	K 5	15 37 37.24	+3.453	−19 26 12.7	−11.78	948	3990	1969	c
1414	ϰ CorB	4.77	K 0	15 48 24.28	+2.260	+35 53 20.9	−11.25	—	4032	—	—
1415	λ Libr	5.06	B 3	15 48 58.56	+3.479	−19 56 38.3	−10.87	960	4033	1994	ac
1416	χ Herc	4.61	G 0	15 50 4.82	+2.073	+42 39 38.2	−10.14	961	4042	1995	ac
1417	48 Libr	4.68	B3p	15 53 59.16	+3.357	−14 3 51.2	−10.51	—	4059	—	—
1418	144 G. Lupi	5.07	G 5	15 54 23.40	+4.079	−41 31 49.9	−10.47	—	4061	2002	—
1419	49 Libr	5.53	F 8	15 56 6.80	+3.363	−16 18 48.8	−10.71	969	4067	2007	c
1420	50 Libr	5.55	A 0	15 56 44.52	+3.237	− 8 12 1.9	−10.30	—	4070	—	—
1421	ϰ Herc *pr*²)	5.34	G 5	16 4 41.30	+2.706	+17 14 44.7	− 9.67	975	4101	2025	ac
1422	+6°3169 Serp	6.02	G 5	16 5 29.52	+2.953	+ 6 35 28.9	−10.34	—	—	2026	—
1423	τ CorB³)	4.94	K 0	16 6 13.61	+2.192	+36 40 50.3	− 9.22	977	4108	2028	—
1424	δ¹ Apds⁴)	4.78	Mb	16 9 4.82	+8.889	−78 30 35.6	− 9.38	982	4109	2035	ac
1425	17 Herc	6.59	K 0	16 13 4.83	+2.558	+23 18 29.1	− 9.04	—	4142	2044	—
1426	55 G. Scor *sq*⁵)	5.69	F 2	16 14 47.80	+3.791	−30 43 33.5	− 8.85	988	4149	2051	—
1427	σ Serp	4.80	F 0	16 18 16.30	+3.036	+ 1 12 15.2	− 8.55	991	4163	2057	—
1428	23 Herc⁶)	6.30	A 2	16 20 3.61	+2.301	+32 30 25.5	− 8.48	995	4176	2062	—
1429	21 Herc	5.72	A 0	16 20 31.49	+2.921	+ 7 7 13.2	− 8.42	—	4177	—	—
1430	22 G. Ophi	5.75	G 0	16 25 32.38	+3.390	−14 23 15.0	− 8.02	—	4197	2073	—
1431	N Scor	4.33	B 3	16 26 28.61	+3.916	−34 32 32.3	− 7.97	1004	4200	2078	—
1432	Pi 16ʰ140 Drac	5.85	A 0	16 31 21.85	+0.844	+60 58 48.3	− 7.58	—	4221	2088	—
1433	12 Ophi	5.87	K 0	16 32 24.91	+3.149	− 2 9 56.5	− 7.79	1011	4222	2091	—
1434	42 Herc⁷)	5.14	Ma	16 36 42.54	+1.627	+49 4 27.8	− 7.09	1015	4242	2102	—
1435	η Arae	3.68	K 5	16 43 18.01	+5.171	−58 54 33.4	− 6.62	1020	4265	2112	s
1436	19 Ophi⁸)	6.04	A 2	16 43 22.81	+3.022	+ 2 11 54.9	− 6.60	—	4266	2113	—
1437	−21°4422 Ophi	7.60	Ma	16 45 6.40	+3.574	−21 43 18.6	− 6.47	—	—	2118	—
1438	20 Ophi	4.73	F 5	16 45 40.91	+3.317	−10 39 5.8	− 6.48	1024	4273	2120	ncs
1439	μ¹ Scor	3.09	B3p	16 46 47.12	+4.059	−37 55 12.3	− 6.32	1026	4277	2121	nacs
1440	51 Herc	5.20	K 0	16 48 38.63	+2.487	+24 46 53.5	− 6.14	—	4294	—	—

¹) 7.6ᵐ 13″ 171° ²) 6.5ᵐ 29″ 12° ³) 13.8ᵐ 3″ 169° ⁴) 5.22ᵐ (δ²) folgt 7ˢ 2′ n ⁵) 6.4ᵐ 23″ 319° ⁶) 8.5ᵐ 34″ 19° ⁷) 10.7ᵐ 24″ 93° ⁸) 9.3ᵐ 23″ 91

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1441	53 Herc	5.35	F 0	16 50 7.26	+ 2.273	+31 49 29.4	−6.04	1029	4300	2130	a
1442	ι Ophi	4.29	B 8	16 50 27.42	+ 2.837	+10 17 15.8	−6.03	1030	4302	2131	c
1443	51 G. Apds	7.00	F 8	16 50 33.95	+ 8.227	−76 5 57.8	−5.98	—	—	2129	—
1444	24 G. Arae	5.70	B 9	16 52 30.32	+ 4.625	−50 31 27.4	−5.87	—	4306	2134	—
1445	30 Ophi	5.00	K 0	16 57 6.14	+ 3.161	− 4 6 40.6	−5.50	1035	4323	2144	na
1446	59 Herc	5.27	A 2	16 58 50.12	+ 2.213	+33 40 33.2	−5.29	1037	4332	2147	a
1447	80 G. Ophi	6.20	A 0	17 2 14.28	+ 3.715	−26 24 45.2	−5.02	—	—	2151	—
1448	Pi 16ʰ307 Herc	6.36	A 0	17 2 47.82	+ 1.825	+43 54 48.0	−4.97	—	4349	2152	—
1449	85 G. Ophi[1]	6.14	K 0	17 3 53.43	+ 3.482	−17 30 39.8	−4.88	—	4352	—	—
1450	88 G. Ophi	5.58	F 5	17 5 39.07	+ 3.317	−10 25 36.4	−4.82	—	4356	—	—
1451	97 G. Ophi	6.39	K 0	17 8 8.17	+ 2.892	+ 7 59 5.7	−4.49	—	—	2163	—
1452	139 G. Scor	5.55	F 5	17 12 10.78	+ 3.901	−32 34 47.1	−4.21	—	4375	2169	—
1453	U Ophi[2]	var[3]	B 8	17 12 43.33	+ 3.043	+ 1 17 34.6	−4.13	—	—	2173	—
1454	Pi 17ʰ68 Herc	5.17	Ma	17 17 0.45	+ 2.643	+18 7 59.1	−3.79	—	4400	—	—
1455	59 G. Apds	5.93	Mb	17 17 23.82	+11.178	−80 47 37.2	−3.75	1051	4387	2180	—
1456	72 Herc	5.36	G 0	17 17 51.05	+ 2.243	+32 33 48.0	−4.70	1053	4403	2182	ac
1457	44 Ophi	4.28	F 0	17 21 47.25	+ 3.662	−24 6 27.6	−3.44	1057	4420	2188	a
1458	138 G. Ophi	6.31	F 5	17 22 4.23	+ 3.112	− 1 35 15.4	−3.28	—	—	2189	—
1459	σ Ophi	4.44	K 0	17 22 47.48	+ 2.975	+ 4 12 15.9	−3.23	1060	4425	2195	na
1460	λ Herc	4.48	K 0	17 27 42.32	+ 2.423	+26 9 58.3	−2.80	1065	4438	2205	a
1461	−11°4411 Serp[4]	5.68	B 8	17 30 36.02	+ 3.333	−11 11 33.3	−2.56	—	4448	2211	—
1462	Grb 2444 Herc	5.82	K 0	17 30 44.41	+ 1.902	+41 17 44.2	−2.62	—	4455	—	—
1463	58 Ophi	4.89	F 5	17 38 56.06	+ 3.595	−21 38 53.5	−1.90	—	4481	—	—
1464	X Sgtr	var[5]	F 8	17 42 50.26	+ 3.775	−27 48 12.9	−1.50	1082	4493	2239	—
1465	+20°3570 Herc	5.77	K 0	17 45 11.58	+ 2.573	+20 35 21.6	−1.30	—	4506	—	—
1466	+9°3485 Ophi	6.79	K 5	17 46 36.23	+ 2.839	+ 9 52 12.8	−1.22	—	—	2249	—
1467	−7°4523 Ophi	6.87	G 5	17 50 53.77	+ 3.250	− 7 43 11.8	−0.84	—	—	2255	—
1468	89 Herc	5.48	F 5p	17 52 23.52	+ 2.419	+26 3 39.6	−0.65	1091	4528	2256	na
1469	93 Herc	4.71	K 0	17 56 43.03	+ 2.670	+16 45 14.0	−0.30	—	4547	—	—
1470	6 Sgtr	6.31	K 2	17 57 1.62	+ 3.485	−17 9 19.6	−0.27	—	4546	2271	—
1471	ϑ Arae	3.90	B 1p	18 0 47.50	+ 4.669	−50 5 52.8	+0.06	1102	4565	2276	acs
1472	−13°4863 Serp	6.50	K 0	18 5 27.86	+ 3.405	−13 56 53.9	+0.47	—	—	2290	—
1473	ε Tele	4.60	K 0	18 5 39.69	+ 4.453	−45 58 8.5	+0.45	1108	4588	2291	—
1474	6 G. Tele	5.54	B 5	18 10 48.47	+ 5.051	−56 2 55.0	+0.92	—	4611	2301	—
1475	Br 2292 Serp	6.30	A 5	18 13 16.34	+ 3.303	− 9 47 7.4	+1.10	—	—	2305	—
1476	74 Ophi[6]	4.92	G 5	18 17 7.35	+ 2.994	+ 3 20 32.1	+1.49	—	4635	2313	—
1477	κ Lyra	4.34	K 0	18 17 13.95	+ 2.102	+36 1 46.8	+1.54	—	4639	—	—
1478	+7°3682 Ophi	5.69	G 0, A 3	18 22 2.31	+ 2.886	+ 7 59 19.4	+1.92	—	4660	2322	—
1479	+29°3259 Herc	5.71	A 2	18 23 5.19	+ 2.313	+29 47 5.4	+1.98	—	4669	2327	—
1480	60 Serp	5.44	K 0	18 25 46.73	+ 3.122	− 2 2 5.9	+2.22	1127	4678	2332	a

[1] Ers 637a [2] 13.0ᵐ 21″ 357° [3] 5.7-6.4ᵐ [4] 9.0ᵐ 54″ 226° [5] 4.4-5.0ᵐ [6] 11.6ᵐ 28″ 285°

Zusatzsterne des FK3 für 1925.0

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1481	+16°3529 Herc	5.67	A 0	18 27 44.28	+2.667	+16 52 31.1	+2.40	—	4692	2335	—
1482	α Scut	4.06	K 0	18 31 7.51	+3.265	− 8 17 51.9	+2.41	1131	4705	2342	as
1483	Grb 2603 Lyra	6.66	A 0	18 31 40.52	+1.695	+46 9 34.0	+2.77	—	—	2346	—
1484	+9°3783 Ophi	5.40	F 2	18 32 53.11	+2.861	+ 9 3 43.8	+2.74	—	4712	—	—
1485	83 G. Sgtr	5.80	A 5	18 33 24.99	+3.592	−21 27 40.4	+2.83	—	4714	—	—
1486	δ Scut[1])	4.74	F 0	18 38 9.99	+3.285	− 9 7 31.7	+3.33	1136	4731	2357	na
1487	φ Sgtr	3.30	B 8	18 40 58.25	+3.748	−27 4 9.2	+3.57	1138	4739	2362	na cs
1488	+26°3349 Lyra	4.92	K 0	18 43 3.09	+2.417	+26 34 51.2	+3.77	—	4758	—	—
1489	β Scut	4.47	G 0	18 43 11.66	+3.183	− 4 49 45.6	+3.74	1142	4756	2367	ac
1490	η^1 CorA	5.59	A 2	18 43 25.85	+4.332	−43 45 47.7	+3.76	—	4755	2368	—
1491	111 Herc	4.37	A 3	18 43 42.45	+2.648	+18 5 49.2	+3.92	1143	4761	2370	c
1492	Grb 2671 Drac	5.76	B 5	18 45 2.50	+1.341	+52 54 18.2	+3.92	1144	4765	2372	a
1493	30 Sgtr	6.24	F 0	18 46 19.95	+3.605	−22 14 57.6	+3.99	1146	4767	2374	n
1494	50 Drac	5.37	A 0	18 48 48.09	−1.927	+75 20 46.8	+4.31	1148	4788	2381	a
1495	114 G. Sgtr	5.58	F 5	18 51 11.83	+3.456	−16 28 9.6	+4.26	—	4791	2384	—
1496	τ Sgtr	3.42	K 0	19 2 15.50	+3.746	−27 46 53.0	+5.13	1161	4857	2405	ns
1497	21 G. Aqil[2])	6.72	B 8	19 2 42.21	+3.106	− 1 27 43.9	+5.41	—	—	2408	—
1498	Pi 18^h318 Lyra	5.46	A 5	19 3 39.11	+2.380	+28 30 34.9	+5.56	—	4867	2411	—
1499	42 G. Octn	6.78	A 2	19 6 12.77	+8.184	−75 55 39.1	+5.71	—	—	2417	—
1500	20 Aqil	5.37	B 3	19 8 36.60	+3.254	− 8 3 57.8	+5.91	1167	4883	2421	—
1501	162 G. Sgtr	5.61	B 5	19 14 41.94	+3.972	−35 33 33.4	+6.40	—	4913	—	—
1502	β^1 Sgtr[3])	4.31	B 8	19 17 14.94	+4.316	−44 36 4.8	+6.61	1181	4929	2441	cs
1503	31 Aqil	5.23	G 5	19 21 23.57	+2.860	+11 46 58.3	+7.62	1184	4950	2450	c
1504	59 G. Tele[4])	5.58	K 2	19 21 47.10	+4.830	−54 28 35.8	+7.00	1186	4946	2451	n
1505	Br 2462 Vulp[5])	6.04	K 5	19 23 11.82	+2.623	+19 44 28.8	+7.06	—	4967	2456	—
1506	Grb 2844 Cygn	6.72	G 5	19 23 39.34	+1.829	+44 46 52.6	+7.07	—	—	2459	—
1507	Pi 19^h156 Drac	6.46	B 8	19 24 25.38	+1.086	+57 52 31.5	+7.22	—	4975	—	—
1508	α Vulp	4.63	Ma	19 25 34.98	+2.495	+24 30 43.4	+7.21	1190	4976	2464	n
1509	36 Aqil	5.22	Ma	19 26 44.47	+3.138	− 2 56 46.9	+7.40	1192	4983	2467	—
1510	8 Cygn	4.85	B 3	19 28 58.97	+2.228	+34 17 33.4	+7.59	1195	4992	2474	—
1511	μ Aqil	4.65	K 0	19 30 25.48	+2.930	+ 7 13 7.2	+7.56	1197	4995	2476	na
1512	54 Sgtr[6])	5.45	K 0	19 36 25.65	+3.438	−16 27 58.6	+8.15	1203	5019	2488	na
1513	β Sgte	4.45	K 0	19 37 40.77	+2.694	+17 18 4.8	+8.26	1205	5027	2491	a
1514	55 Sgtr	5.10	F 0	19 38 13.80	+3.433	−16 18 3.4	+8.32	1206	5028	2492	c
1515	10 Vulp	5.45	G 5	19 40 35.70	+2.493	+25 35 29.3	+8.54	1208	5039	2496	—
1516	228 G. Sgtr	5.56	B 8	19 41 14.31	+3.830	−32 5 26.9	+8.54	—	5040	2498	—
1517	56 Sgtr	5.06	K 0	19 41 59.31	+3.501	−19 56 33.3	+8.55	1211	5044	2501	na
1518	75 G. Pavo	6.32	A 3	19 48 8.33	+5.256	−61 21 58.5	+9.13	—	5064	2514	—
1519	90 G. Aqil	5.64	F 0 p, A	19 49 23.09	+3.142	− 3 18 35.9	+9.21	—	5074	2517	—
1520	ι Sgtr	4.21	K 0	19 50 5.51	+4.144	−42 3 59.7	+9.33	1221	5078	2519	nac

1) $10^{m}.0$ $53''$ 130° 2) $9^{m}.1$ $14''$ 344° 3) $7^{m}.1$ $28''$ 77° 4) $6^{m}.9$ $69''$ 254° 5) $10^{m}.3$ $26''$ 37° 6) $11^{m}.5$ $36''$ 273°; $9^{m}.0$ $45''$ 42°

Nr.	Name	Gr.	Sp.	α	$\frac{d\alpha}{dt}$	δ	$\frac{d\delta}{dt}$	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1521	η Cygn[1])	4.03	K o	19 53 29.47	+2.250	+34 53 0.1	+ 9.50	1225	5103	2526	—
1522	61 Sgtr	5.05	A o	19 53 41.88	+3.404	−15 41 29.7	+ 9.45	1227	5101	2527	n
1523	15 Vulp	4.74	A 5	19 58 0.63	+2.470	+27 32 43.5	+ 9.88	1230	5132	2536	—
1524	τ Aqil	5.65	K o	20 0 28.49	+2.930	+ 7 3 55.1	+10.08	1232	5143	2539	a
1525	28 Cygn	4.82	B 2 p	20 6 38.39	+2.227	+36 37 4.8	+10.54	1236	5170	2552	a
1526	ρ Aqil	4.96	A o	20 10 48.33	+2.775	+14 58 5.5	+10.89	1243	5182	2560	—
1527	α¹ Capr[2])	4.55	G o p	20 13 29.52	+3.326	−12 44 27.9	+11.03	1248	5197	2569	c
1528	83 G. Tele	6.28	Ma	20 13 33.58	+4.310	−47 56 40.8	+11.03	—	—	2568	—
1529	4 Capr	5.96	K o	20 13 37.14	+3.527	−22 2 34.2	+11.00	1250	5198	2570	n
1530	290 G. Sgtr	6.51	K 2	20 16 1.54	+3.875	−35 54 41.1	+11.21	—	—	2575	—
1531	132 G. Aqil	5.41	K o	20 19 27.70	+2.973	+ 5 6 7.9	+11.41	—	5226	—	—
1532	296 G. Sgtr	5.97	K o	20 20 51.55	+3.677	−28 54 27.9	+11.56	—	5232	2586	—
1533	69 Aqil	5.11	K o	20 25 43.83	+3.136	− 3 8 9.4	+11.89	1261	5254	2596	—
1534	41 Cygn	4.09	F 5 p	20 26 19.77	+2.450	+30 7 2.9	+11.95	1262	5255	2597	ac
1535	42 Cygn	5.94	A o	20 26 28.64	+2.287	+36 12 13.1	+11.96	1263	5258	2598	—
1536	29 G. Capr[3])	5.82	G 5	20 28 17.60	+3.283	−10 6 37.6	+12.18	—	5263	2600	—
1537	9 G. Delf	6.68	K o	20 30 15.91	+2.988	+ 4 38 29.8	+12.21	—	—	2605	—
1538	Grb 3241 Drac	6.42	K 2	20 30 20.67	−0.243	+72 16 39.8	+12.21	1268	5280	2606	a
1539	29 Vulp	4.78	A o	20 35 10.24	+2.678	+20 56 13.7	+12.57	1274	5301	2617	—
1540	13 G. Micr	5.54	K 2	20 35 37.82	+3.769	−33 41 54.0	+12.60	—	5302	2620	—
1541	γ Delf *sq*[4])	4.49	G 5	20 43 10.66	+2.782	+15 51 11.5	+12.91	1285	5335	2633	ac
1542	ι Micr	5.14	F o	20 43 24.51	+4.074	−44 15 46.8	+13.02	—	5332	2634	—
1543	3 Aqar	4.60	Ma	20 43 46.85	+3.167	− 5 18 11.8	+13.10	1289	5338	2638	c
1544	Grb 3285 Cygn	6.43	K o	20 44 10.72	+1.738	+52 43 18.1	+13.05	—	—	2642	—
1545	−1°4057 Aqar	6.53	Mb	20 45 25.89	+3.085	− 0 50 29.0	+13.22	—	—	2646	—
1546	ω Capr	4.24	Ma	20 47 20.93	+3.584	−27 12 2.8	+13.36	1291	5363	2650	c
1547	μ Aqar	4.80	A 3	20 48 36.58	+3.237	− 9 15 56.3	+13.43	1293	5371	2653	nac
1548	64 G. Capr	5.95	A 3	20 53 28.87	+3.361	−16 19 16.7	+13.77	—	5387	2662	—
1549	33 Vulp	5.57	K 5	20 54 55.15	+2.682	+22 2 6.2	+13.85	—	5397	2666	—
1550	γ Micr	4.71	G 5	20 56 41.71	+3.685	−32 33 6.9	+13.97	1301	5402	2667	na
1551	59 Cygn[5])	4.88	B o p	20 57 16.36	+2.038	+47 13 39.2	+14.01	1302	5410	2669	a
1552	ϑ Capr	4.19	A o	21 1 44.00	+3.375	−17 31 54.3	+14.23	1305	5427	2676	na
1553	−0°4161 Aqar	7.10	K 2	21 2 42.47	+3.080	− 0 24 23.0	+14.34	—	—	2680	—
1554	ο Pavo	5.08	Ma	21 6 20.30	+5.662	−70 26 1.2	+14.53	—	5439	2690	—
1555	γ Equl[6])	4.76	F o p	21 6 41.65	+2.918	+ 9 49 43.1	+14.43	1311	5443	2691	—
1556	58 G. Micr	5.55	K 5	21 8 50.73	+3.562	−27 55 34.2	+14.60	1313	5448	2693	a
1557	24 G. Indi	6.70	K o	21 12 46.57	+4.095	−49 1 51.1	+14.86	—	5463	2700	—
1558	σ Cygn[7])	4.28	A o p	21 14 28.05	+2.354	+39 4 46.8	+15.04	1320	5469	2704	ac
1559	υ Cygn[8])	4.42	B 3 p	21 14 49.89	+2.465	+34 34 52.5	+15.06	1322	5471	2705	—
1560	Grb 3434 Cygn[9])	6.81	K 2	21 17 16.03	+1.929	+52 44 24.0	+15.19	—	—	2712	—

¹) 13.0^m $7''$ 206°; 11.5^m $46''$ 329°; 11.5^m $49''$ 167° ²) 9.0^m $45''$ 221° ³) 11.7^m $5''$ 25° ⁴) 5.5^m $11''$ 270° ⁵) 9.0^m $20''$ 353°; 11.5^m $27''$ 141°; 11.0^m $38''$ 220° ⁶) 11.0^m $2''$ 273° ⁷) Ers 799a ⁸) 10.2^m $15''$ 220°; 10.2^m $21''$ 181° ⁹) 8.4^m $48''$ 301°

Zusatzsterne des FK3 für 1925.0

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1561	ι Capr	4.30	K0	21 18 4.37	+3.343	−17 9 17.3	+15.26	1325	5484	2713	na
1562	18 Aqar	5.54	A5	21 20 5.73	+3.280	−13 12 3.1	+15.36	—	5496	2718	—
1563	γ Indi	6.24	F0	21 20 55.17	+4.293	−54 59 7.8	+15.45	—	5497	2719	—
1564	2 G. Pegs	6.66	Ma	21 24 42.99	+2.957	+ 7 52 7.3	+15.59	—	—	2727	—
1565	2 Pegs[1])	4.76	K5	21 26 32.96	+2.717	+23 18 33.0	+15.71	—	5522	—	—
1566	6 PscA[2])	5.99	A2	21 27 42.73	+3.632	−34 16 33.6	+15.75	—	5526	2732	—
1567	3 G. Grus	5.73	K0	21 28 32.39	+3.896	−45 10 52.0	+15.81	—	5530	2735	—
1568	ρ Cygn	4.22	K0	21 31 9.44	+2.255	+45 15 34.9	+15.88	1334	5543	2737	c
1569	ξ Aqar	4.78	A5	21 33 45.62	+3.195	− 8 11 28.7	+16.08	1338	5551	2744	na
1570	5 Pegs	5.29	F0	21 34 14.77	+2.807	+18 58 49.2	+16.14	—	5555	—	—
1571	+35°4626 Cygn	6.60	K0	21 42 33.64	+2.541	+35 30 38.6	+16.56	—	—	2763	—
1572	ν Ceph	4.46	A2p	21 43 16.99	+1.730	+60 46 27.7	+16.59	1350	5608	2767	c
1573	13 G. Grus[3])	5.75	G5	21 43 23.62	+3.910	−47 38 44.2	+16.28	—	5601	—	—
1574	11 Pegs	5.50	A0	21 43 25.77	+3.043	+ 2 20 19.4	+16.61	1351	5605	2766	—
1575	14 Pegs	5.00	A0	21 46 31.47	+2.652	+29 49 27.7	+16.72	1354	5617	2772	—
1576	127 G. Capr	6.85	F8	21 47 8.71	+3.417	−23 37 12.9	+16.68	—	—	2774	—
1577	μ Capr	5.18	F0	21 49 12.54	+3.273	−13 54 19.7	+16.89	1355	5623	2775	a
1578	Br 2880 Ceph	6.58	A0	21 51 54.75	+0.711	+73 20 50.5	+17.02	1359	5640	2782	a
1579	Pi 21^{h}339 Pegs	6.62	K5	21 52 53.51	+2.804	+20 52 58.0	+17.06	—	—	2785	—
1580	98 G. Aqar	6.42	K0	21 55 0.35	+3.130	− 4 43 36.7	+16.89	—	—	2790	—
1581	λ Grus	4.60	K2	22 1 36.06	+3.623	−39 54 21.1	+17.31	1368	5672	2804	—
1582	125 G. Aqar	6.60	G5	22 10 34.67	+3.251	−16 11 0.8	+17.46	—	—	2827	—
1583	1 H. Lacr[4])	4.64	K2	22 10 39.34	+2.572	+39 20 32.7	+17.82	1384	5732	2828	a
1584	47 Aqar	5.40	K0	22 17 28.03	+3.305	−21 58 28.8	+17.99	1389	5759	2842	—
1585	π Aqar	4.64	B1p	22 21 26.78	+3.064	+ 0 59 46.7	+18.23	1396	5777	2852	a
1586	Pi 22^{h}97 Pegs	6.40	K0	22 22 3.45	+2.893	+18 3 44.1	+18.27	—	—	2855	—
1587	72 G. Indi	5.70	A3	22 23 7.66	+4.447	−67 52 13.8	+18.20	—	5783	2857	—
1588	36 Pegs	5.82	K2	22 25 23.38	+2.994	+ 8 44 43.8	+18.33	—	5797	2861	—
1589	Pi 22^{h}120 Pegs	5.96	K2	22 25 39.24	+2.809	+26 22 45.1	+18.35	—	5798	2863	—
1590	38 Pegs	5.51	A0	22 26 35.76	+2.741	+32 11 18.0	+18.39	1403	5806	2865	—
1591	σ Aqar	4.89	A0	22 26 40.76	+3.176	−11 3 44.0	+18.38	1404	5803	2866	na
1592	β PscA[5])	4.40	A0	22 27 14.74	+3.415	−32 43 51.6	+18.43	1405	5808	2867	—
1593	ρ Ceph	5.50	A2	22 29 13.86	+0.554	+78 26 21.5	+18.48	—	5818	—	—
1594	Grb 3834 Ceph	5.74	A0	22 30 57.60	+1.060	+75 50 23.1	+18.54	1408	5827	2874	a
1595	κ Aqar	5.33	K0	22 33 52.36	+3.108	− 4 36 55.2	+18.53	1410	5835	2878	n
1596	45 Pegs	6.45	K0	22 41 49.17	+2.917	+18 58 14.5	+18.94	—	5872	2895	—
1597	68 Aqar	5.43	G5	22 43 31.59	+3.224	−20 0 18.3	+18.73	—	5878	2899	—
1598	−2°5826 Aqar	7.58	K2	22 43 38.06	+3.089	− 2 11 3.5	+18.93	—	—	2900	—
1599	69 G. Grus	5.39	K2	22 46 46.42	+3.422	−39 33 16.2	+19.02	—	5886	2906	—
1600	+36°4956 Lacr	6.00	F2	22 51 33.16	+2.787	+36 40 35.5	+19.16	—	—	2918	—

[1]) 12.5^m 30″ 332° [2]) 13.3^m 7″ 59° [3]) 8.6^m 50″ 357° [4]) 11.0^m 29″ 185° [5]) 7.8^m 30″ 172°

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
1601	π PscA	5.13	F o	22 59 21.11	+3.326	−35 9 19.3	+19.44	—	5935	2932	—
1602	β Pisc	4.58	B 5p	23 0 3.54	+3.052	+ 3 24 57.6	+19.36	1436	5939	2935	n
1603	55 Pegs	4.69	Ma	23 3 13.47	+3.021	+ 9 0 14.9	+19.43	1441	5952	2940	a
1604	5 Andr	5.83	F o	23 4 20.54	+2.719	+48 53 13.2	+19.59	1442	5958	2945	a
1605	ι Grus[1])	4.10	K o	23 6 7.18	+3.403	−45 39 11.3	+19.48	1446	5965	2952	acs
1606	59 Pegs	5.15	A 3	23 7 56.89	+3.028	+ 8 18 45.4	+19.53	1447	5973	2954	a
1607	φ Aqar	4.40	Ma	23 10 26.31	+3.107	− 6 27 12.7	+19.39	1449	5978	2956	a
1608	ψ¹ Aqar[2])	4.48	K o	23 11 57.76	+3.144	− 9 29 47.7	+19.60	1450	5981	2960	a
1609	ψ³ Aqar[3])	5.16	A o	23 15 3.63	+3.121	−10 1 15.1	+19.67	1455	5997	2968	n
1610	12 Andr	5.75	F 5	23 17 15.78	+2.891	+37 46 21.3	+19.62	—	6008	2974	—
1611	11 G. Scul	5.81	G 5	23 17 15.95	+3.199	−27 23 52.1	+19.65	—	6007	—	—
1612	98 Aqar	4.20	K o	23 19 1.99	+3.152	−20 30 36.4	+19.64	1459	6012	2975	ac
1613	67 Pegs[4])	5.46	A o	23 21 10.26	+2.932	+31 58 21.6	+19.76	1460	6023	2978	—
1614	ϑ Pisc	4.45	G 5	23 24 9.74	+3.042	+ 5 58 0.9	+19.77	1465	6037	2986	a
1615	+15°4830 Pegs	6.98	A 2	23 25 15.72	+3.017	+15 35 57.3	+19.81	—	—	2990	—
1616	15 Andr	5.50	A o	23 30 57.01	+2.929	+39 49 22.1	+19.85	1473	6063	3005	—
1617	ι Phoe[5])	4.80	A 2p	23 31 2.81	+3.235	−43 1 47.5	+19.89	1474	6062	3006	n
1618	μ Scul	5.33	K o	23 36 42.26	+3.151	−32 29 16.7	+19.90	—	6079	3020	—
1619	κ Andr[6])	4.33	A o	23 36 42.40	+2.948	+43 55 6.9	+19.93	1481	6080	3021	ac
1620	λ Pisc	4.61	A 5	23 38 13.11	+3.061	+ 1 22 2.2	+19.81	1482	6084	3024	n
1621	106 Aqar	5.26	B 8	23 40 18.75	+3.113	−18 41 35.7	+19.98	1484	6095	3027	a
1622	ψ Andr	5.09	K o, A 5	23 42 18.59	+2.966	+46 0 13.8	+19.98	1485	6101	3029	a
1623	20 Pisc	5.60	K o	23 44 5.22	+3.084	− 3 10 43.3	+20.00	—	6107	3032	—
1624	Pi 23ʰ194 Aqar	7.14	K o	23 45 33.25	+3.106	−22 1 52.3	+20.01	—	—	3036	—
1625	82 Pegs	5.39	A 3	23 48 47.44	+3.059	+10 31 47.9	+20.02	—	6128	—	—
1626	27 G. Phoe	6.01	F 8	23 50 42.95	+3.151	−40 43 5.8	+20.05	—	6136	—	—
1627	Grb 4163 Ceph[7])	6.57	B 9	23 51 9.58	+2.892	+73 59 34.4	+20.03	1494	6138	3046	a
1628	Pi 23ʰ235 Pegs	6.30	Ma	23 52 52.03	+3.054	+22 13 50.3	+20.03	—	—	3047	—
1629	ψ Pegs	4.75	Ma	23 53 55.98	+3.054	+24 43 28.5	+20.02	1497	6150	3050	ac
1630	30 Pisc	4.66	Mb	23 58 6.81	+3.077	− 6 25 50.8	+20.02	1503	6171	3061	ac

[1]) Ers 872a [2]) 10.3ᵐ 49″ 312° [3]) 11.0ᵐ 1″ 226° [4]) Ers 887a [5]) 13.8ᵐ 6″ 268° [6]) 11.0ᵐ 47″ 194° [7]) 12.5ᵐ 45″ 7°

Zusatzsterne des FK3 für 1925.0

Nördliche Polsterne

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
Nα	Br 256 Ceph	6.86	K 0	2 5 5.07	+ 8.928	+83 12 39.8	+17.10	—	—	262	—
Nβ	Br 402 Ceph	5.78	K 0	3 14 15.32	+13.825	+84 38 59.6	+13.13	194	726	402	c
Nγ	+85°74 Ceph	6.54	A 5	5 5 0.18	+21.055	+85 51 52.6	+ 4.69	312	1191	629	c
Nδ	Grb 944 Ceph	6.41	K 0	5 37 43.41	+18.809	+85 9 47.2	+ 1.95	351	1360	705	ac
Nε	Grb 1359 Caml	6.39	A 0	7 59 11.70	+14.644	+84 16 46.3	— 9.98	490	2103	1003	c
Nζ	+84°196 Caml	6.26	F 0	8 59 59.34	+12.874	+84 29 8.6	—14.16	551	2415	1134	c
Nη	+86°161 Caml	7.17	A 2	11 5 44.63	+ 7.575	+86 2 51.1	—19.50	681	2953	1402	c
Nϑ	Grb 1850 Caml	6.38	F 5	12 0 57.42	+ 2.936	+86 0 9.5	—19.96	729	3154	1511	c
Nι	Grb 2063 Caml	6.16	G 5	13 44 24.05	— 1.788	+83 7 44.8	—18.04	825	3574	1729	c
Nκ	Grb 2196 UMin	5.73	G 0	14 55 16.01	— 4.192	+82 49 15.9	—14.69	903	3833	1880	c
Nλ	Grb 2315 UMin	7.32	A 2	15 51 5.37	— 6.370	+83 10 33.4	—10.68	962	4065	1998	c
Nμ	Br 2412 Drac	6.15	A 2	18 34 5.64	— 7.879	+83 7 22.4	+ 2.95	—	—	2353	—
Nν	Grb 3212 Drac	6.61	A 2	20 10 29.72	— 8.529	+84 27 10.4	+10.76	1242	5207	2567	c
Nξ	32 H. Ceph	5.38	A 0	22 19 30.09	— 4.486	+85 43 53.1	+18.20	1393	5784	2851	c
No	36 H. Ceph	4.96	K 5	22 55 3.47	— 0.402	+83 56 42.0	+19.28	1432	5927	2925	c
Nπ	V Ceph	var[1])	A 0	23 52 53.96	+ 2.768	+82 46 25.0	+20.05	1495	6144	3048	c

Südliche Polsterne

Nr.	Name	Gr.	Sp.	α	dα/dt	δ	dδ/dt	Eich	PGC	BH	Alm
				h m s	s	° ′ ″	″				
Sα	σ Octn	7.22	A 0	0 12 17.64	— 0.270	—88 46 47.9	+20.02	13	47	25	nc
Sβ	Lac 1029 Octn	7.76	F 0	2 31 42.09	— 8.832	—86 3 9.6	+15.79	149	—	315	nc
Sγ	Lac 1848 Octn	8.35	G 5	2 50 5.89	—30.836	—88 28 22.2	+14.75	173	—	369	nc
Sδ	12 G. Mens	6.76	A 2	4 31 29.59	— 7.110	—83 3 49.9	+ 7.55	277	1096	565	c
Sε	31 G. Mens	6.24	A 0	5 44 41.70	—11.661	—84 49 37.6	+ 1.39	359	—	731	nac
Sζ	6 G. Octn	6.74	K 0	5 59 36.09	—15.745	—85 55 59.1	+ 0.04	374	1547	763	nc
Sη	7 G. Octn	6.41	F 2	7 13 37.94	—20.463	—86 54 58.2	— 6.33	443	1947	919	ac
Sϑ	A Octn	7.75	A 0	7 33 43.91	—48.385	—88 38 3.1	— 7.96	462	2102	968	nc
Sι	10 G. Octn	6.74	A 0	10 35 35.59	— 3.331	—85 42 8.9	—18.70	649	2849	1341	nc
Sκ	η Octn	6.26	A 0	10 59 52.90	— 0.379	—84 11 25.6	—19.37	676	2944	1389	nac
Sλ	κ Octn	5.65	A 2	13 28 28.27	+ 9.256	—85 24 10.9	—18.59	813	3493	1692	ac
Sμ	ρ Octn	5.66	A 2	15 25 44.49	+13.488	—84 13 9.7	—12.41	935	3924	1941	nac
Sν	44 G. Octn	6.32	K 0	19 42 18.18	+11.186	—81 32 28.9	+ 8.66	1212	5030	2497	nc
Sξ	48 G. Octn	7.08	A 0	20 24 59.26	+14.662	—84 39 58.7	+11.84	1260	—	2589	nc
So	B Octn	6.54	A 5	22 2 7.66	+50.225	—89 12 1.2	+17.42	1371	5576	2788	c
Sπ	υ Octn	5.74	K 0	22 17 46.43	+12.076	—86 21 2.5	+18.15	1390	5750	2841	nac

[1]) $6^m.2$—$7^m.0$ (?)

Berichtigungen

Jahrbuch 1935, S. 111 Die Längen der Erde sind um folgende Beträge zu korrigieren:

Von	Jan. 21	bis	Febr. 10	um	$+0\overset{\circ}{.}001$		Von	Juli 20	bis	Aug. 9	um	$+0\overset{\circ}{.}008$
„	Febr. 20	„	März 2	„	+0.002		„	Aug. 19	„	Aug. 29	„	+0.009
„	März 12	„	April 1	„	+0.003		„	Sept. 8	„	Sept. 28	„	+0.010
„	April 11	„	April 21	„	+0.004		„	Okt. 8	„	Okt. 28	„	+0.011
„	Mai 1	„	Mai 21	„	+0.005		„	Nov. 7	„	Nov. 17	„	+0.012
„	Mai 31	„	Juni 20	„	+0.006		„	Nov. 27	„	Dez. 17	„	+0.013
„	Juni 30	„	Juli 10	„	+0.007			Dez. 27			„	+0.014

Jahrbuch 1935, S. 335* Bei $\delta = +3°$, $\varphi = +60°$ lies $6^h 25^m.5$ anstatt $5^h 25^m.5$.

S. 340* In der Formel am Fuß der Seite lies $-a(B-\beta)-L_☾$ anstatt $-a(B-\beta)L_☾$.

Jahrbuch 1936, S. 30* Stern 33) μ Andromedae. a ist +3.3 anstatt +3.1.

S. 63* Stern 247) 8 Lyncis. Die Differenz der Deklinationen am 15. und 25. Dez. ist 198 anstatt 298.

S. 66* Stern 258) 18 Monocerotis. Die Deklinationen von Juli 18 bis August 27 sind um 10″ zu vergrößern.

S. 112* Stern 560) γ Triang. austr. Die Rektaszension ist $15^h 12^m$ anstatt $5^h 12^m$.

Alphabetisches Sachregister